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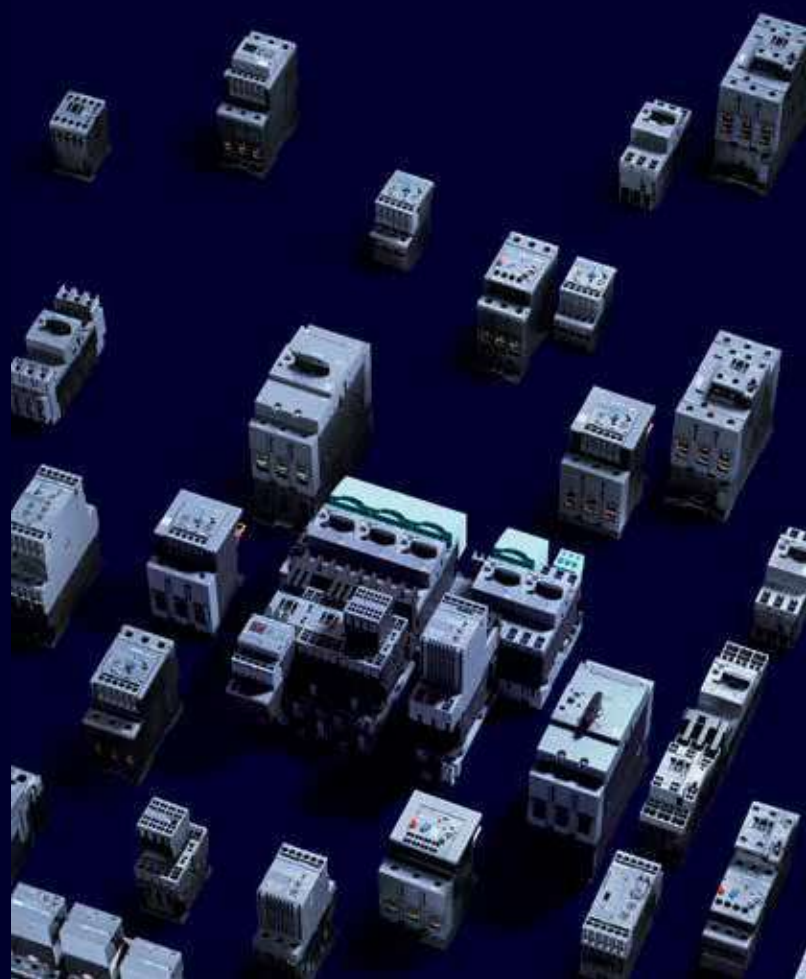

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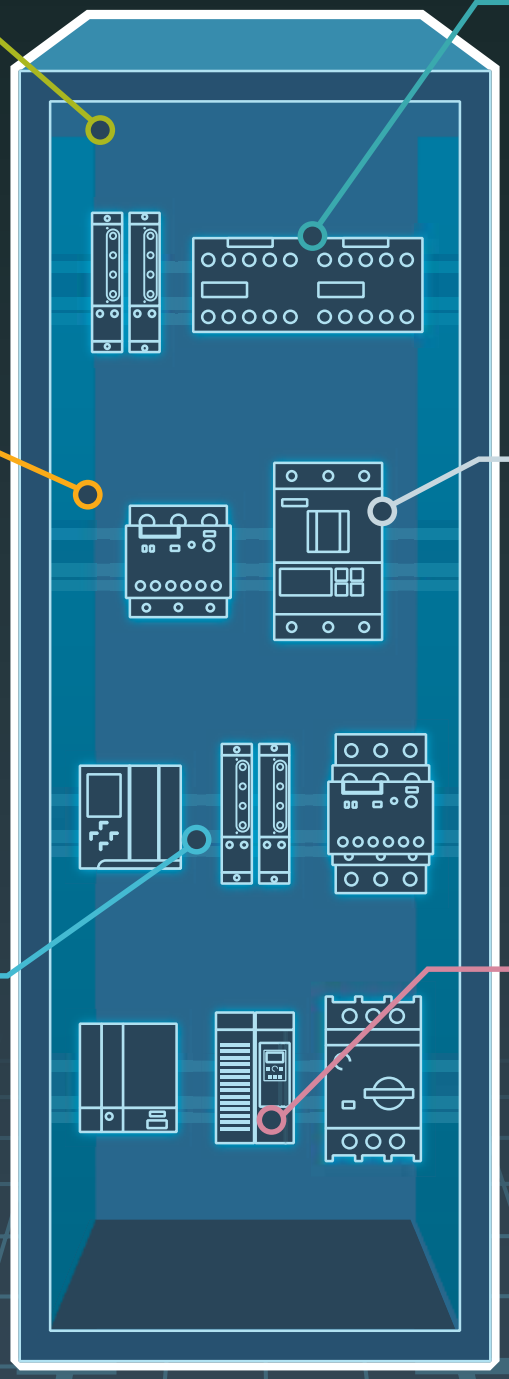

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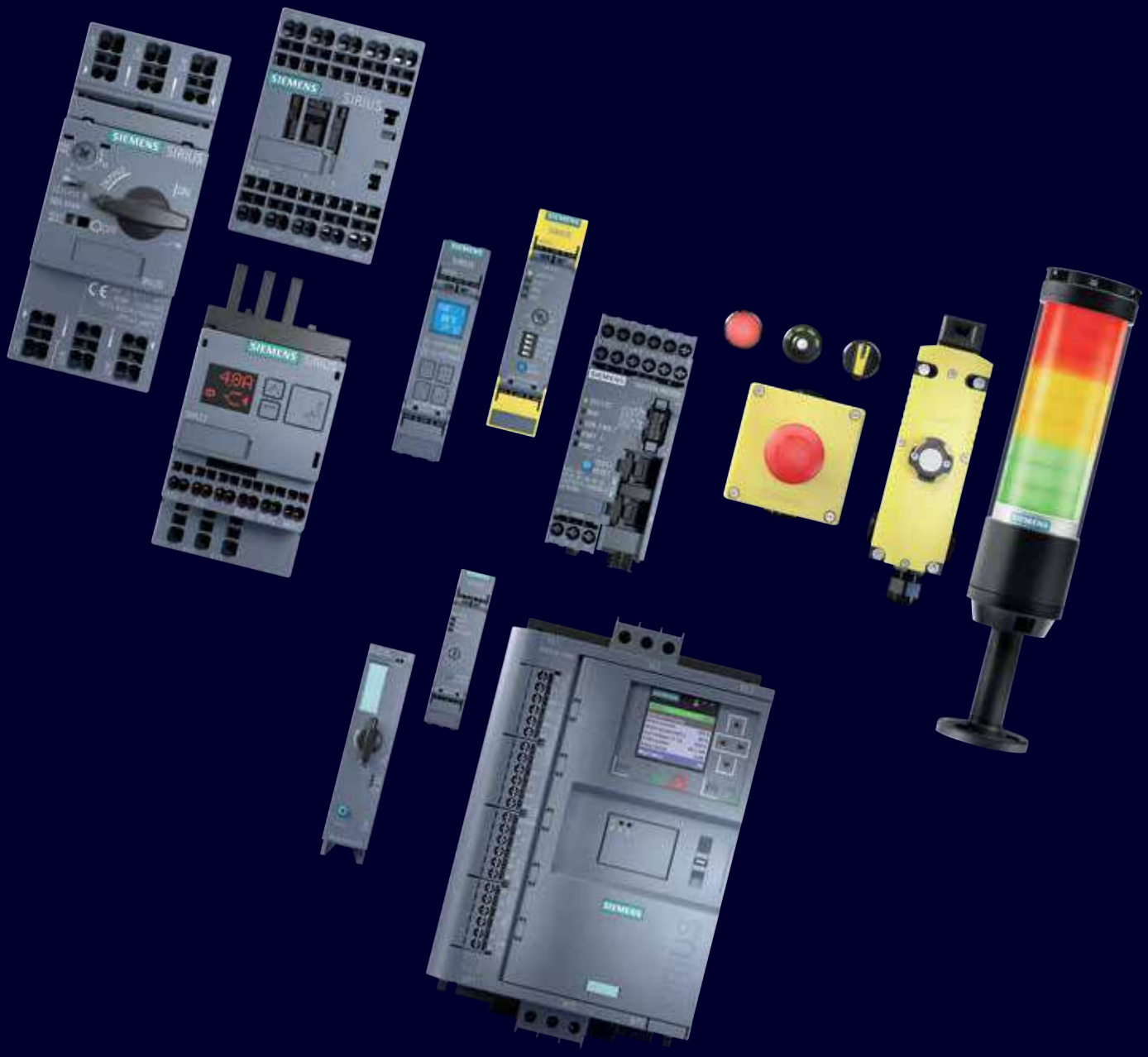
Industrial Controls



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Contactor Relays (Auxiliary Contactors)

3RH2 (S00) with "Mechanically linked contact elements"

Screw terminals

Size	Operational Current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil$ Type*	AC Coil$ Unit LP[1) ₹]	AC Coil$ Std. pkg. (nos.)	DC Coil@ Type*	DC Coil@ Unit LP[1) ₹]	DC Coil@ Std. pkg. (nos.)
S00	10	4	–	■ 3RH2140-1A..08K	1980.-	1	■ 3RH2140-1B..08K	2750.-	1
		3	1	■ 3RH2131-1A..08K	1980.-	1	■ 3RH2131-1B..08K	2750.-	1
		2	2	■ 3RH2122-1A..08K	1980.-	1	■ 3RH2122-1B..08K	2750.-	1

$@ Please enter coil codes from table below

Latched Contactor Relays

Screw terminals

Operational current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil$ Type	AC Coil$ Unit LP[1) ₹]	AC Coil$ Std. pkg. (nos.)	DC Coil@ Type	DC Coil@ Unit LP[1) ₹]	DC Coil@ Std. pkg. (nos.)
10	4	–	3RH2440-1A..0	7255.-	1	3RH2440-1B..0	9645.-	1
	3	1	3RH2431-1A..0	7255.-	1	3RH2431-1B..0	9645.-	1
	2	2	3RH2422-1A..0	7255.-	1	3RH2422-1B..0	9645.-	1

$@ Please enter coil codes from table below
* For ordering contactors with spring type terminals, please get in touch with sales office
For Latched Power Contactors refer 3RT accessory "Mechanical Latching Blocks" on page no. 17
Spring type terminals are not available for latched contactor relays.

Rated control supply voltages for 3RH21 & 3RH24

$ AC coil voltage

Code	B0	■ F0	■ P0
Coil voltage 50/60 Hz	24	110	230

@ DC Coil Voltage

Code	■ B4	F4	M4
Coil voltage	24	110	220

1) For ordering contactors with other than above coil voltages, please add Rs. 270.- to the unit LP of standard contactor.
Please contact nearest sales office for other coil voltages

Contactor Relays (with Low power consumption coil)

Auxiliary Contactor - 3RH21 Coupling Relays

Screw terminals

Size	Surge Suppressor	Rated operational current Ie AC-15 at 230 V A	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Rated control supply voltage **Us =24 V DC**, Operating range **0.7 to 1.25xUs**, Power Consumption **2.8W** at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1KB40	3540.-	1
			3	1	3RH2131-1KB40	3540.-	1
			2	2	3RH2122-1KB40	3540.-	1
Rated control supply voltage **Us =24 V DC**, Operating range **0.85 to 1.85xUs**, Power Consumption **1.6W** at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1SB40	5045.-	1
			3	1	3RH2131-1SB40	5045.-	1
			2	2	3RH2122-1SB40	5045.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2'
Note: 3RH21 Coupling Relays - Add-on Auxiliary contact blocks not applicable
■ **Stock items**

Power Contactors

3RT (S00 to S12) with "Mirror contacts elements"

Screw terminals

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$ Type*	AC Coil$ Unit LP[1)] ₹	AC Coil$ Std. pkg. (nos.)	DC Coil@ Type*	DC Coil@ Unit LP[1)] ₹	DC Coil@ Std. pkg. (nos.)
S00	7	3	1NO	■ 3RT2015-1A..18K	1680.-	1	■ 3RT2015-1B..18K	2605.-	1
			1NC	■ 3RT2015-1A..28K	1680.-	1	■ 3RT2015-1B..28K	2605.-	1
	9	4	1NO	■ 3RT2016-1A..18K	1770.-	1	■ 3RT2016-1B..18K	2835.-	1
			1NC	■ 3RT2016-1A..28K	1770.-	1	■ 3RT2016-1B..28K	2835.-	1
	12	5.5	1NO	■ 3RT2017-1A..18K	1985.-	1	■ 3RT2017-1B..18K	3280.-	1
			1NC	■ 3RT2017-1A..28K	1985.-	1	■ 3RT2017-1B..28K	3280.-	1
	16	7.5	1NO	■ 3RT2018-1A..18K	2355.-	1	■ 3RT2018-1B..18K	3860.-	1
			1NC	■ 3RT2018-1A..28K	2355.-	1	■ 3RT2018-1B..28K	3860.-	1
S0	25	11	1NO+1NC	■ 3RT2026-1A..08K	3500.-	1	■ 3RT2026-1B..08K	6070.-	1
	32	15	1NO+1NC	■ 3RT2027-1A..08K	6825.-	1	■ 3RT2027-1B..08K	12350.-	1
	38	18.5	1NO+1NC	■ 3RT2028-1A..08K	9770.-	1	■ 3RT2028-1B..08K	14675.-	1
	40	18.5	1NO+1NC	■ 3RT2028-1A..08KA0#	10300.-	1	■ 3RT2028-1B..08KA0#	15375.-	1

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$ NEW Type*	AC Coil$ Unit LP[1)] ₹	AC Coil$ Std. pkg. (nos.)	AC/DC Coil€ NEW Type*	AC/DC Coil€ Unit LP[1)] ₹	AC/DC Coil€ Std. pkg. (nos.)
S2	50	22	1NO+1NC	■ 3RT2036-1A..08K	13510.-	1	■ 3RT2036-1N..08K	21685.-	1
	65	30	1NO+1NC	■ 3RT2037-1A..08K	18765.-	1	■ 3RT2037-1N..08K	24560.-	1
	80	37	1NO+1NC	■ 3RT2038-1A..08K	23345.-	1	■ 3RT2038-1N..08K	29915.-	1
S3	95	45	1NO+1NC	■ 3RT2046-1A..08K	29615.-	1	■ 3RT2046-1N..08K	37155.-	1
	110	55	1NO+1NC	■ 3RT2047-1A..08K	37865.-	1	■ 3RT2047-1N..08K	48070.-	1

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts **	AC Coil $ Type	AC Coil $ Unit LP ₹	AC Coil $ Std. pkg. (nos.)	Auxiliary contacts	AC/DC Coils (Conventional Type) € Type	AC/DC Coils (Conventional Type) € Unit LP ₹	AC/DC Coils (Conventional Type) € Std. pkg. (nos.)
S6	115	55	–	■ 3RT1054-6C.308K	36655.-	1	2NO+2NC	■ 3RT1054-6A.368K	38405.-	1
	150	75	–	■ 3RT1055-6C.308K	46035.-	1	2NO+2NC	■ 3RT1055-6A.368K	48410.-	1
	185	90	–	■ 3RT1056-6C.308K	58315.-	1	2NO+2NC	■ 3RT1056-6A.368K	60565.-	1
S10	225	110	–	■ 3RT1064-6C.308K	62205.-	1	2NO+2NC	■ 3RT1064-6A.368K	63980.-	1
	265	132	–	■ 3RT1065-6C.308K	76060.-	1	2NO+2NC	■ 3RT1065-6A.368K	77860.-	1
	300	160	–	■ 3RT1066-6C.308K	90870.-	1	2NO+2NC	■ 3RT1066-6A.368K	93470.-	1
S12	400	200	–	■ 3RT1075-6C.308K	109195.-	1	2NO+2NC	■ 3RT1075-6A.368K	112305.-	1
	500	250	–	■ 3RT1076-6C.308K	152590.-	1	2NO+2NC	■ 3RT1076-6A.368K	155470.-	1

$@€ Please enter coil codes from table below € available with universal operation # 40A Size S0 3RT2028 contactor is available with screw type terminals only

** Please select required Auxiliary Contact Blocks from Pg 7

* For ordering contactors with spring type terminals, please get in touch with sales office

Rated control supply voltages

(For 3RT2 Change the 10th & 11th digit and for 3RT1 Change the 10th digit of Type no.)

$ - AC operation 50/60Hz

Contactor type	3RT20 1	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
24 V AC	B0	C2	C2	C2
■ 110 V AC	F0	G2	G2	G2
■ 230 V AC	P0	L2	L2	L2

Contactor Type	3RT105,3RT106,3RT107
Size	S6, S10, S12
110...127 V AC	F
220...240 V AC	P

@ - DC operation

Contactor type	3RT20 1,3RH2	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
■ 24 V DC	B4	B4	–	–
110 V DC	F4	F4	–	–
220 V DC	M4	M4	–	–

€ - Universal operation (AC / DC) for 3RT2 S2, S3 and for 3RT1 S6, S10, S12

Contactor Type	3RT203.-.N	3RT204.-.N
Size	S2	S3
20...33 V AC/DC	B3	B3
83...155 V AC/DC	F3	F3
175...280 V AC/DC	P3	P3

Contactor Type	3RT1_Conventional Coil
Size	S6, S10, S12
110...127 V AC/DC	F
220...240 V AC/DC	P

1) For ordering contactors with other than above coil voltages, please add Rs. 270.- to the unit LP of standard contactor of the same rating. Please contact nearest sales office for other coil voltages

Note: All SIRIUS 3RT20 / 3RT10 contactors (with at least 1 NC auxiliary contact) are tested to "Mirror contacts" characteristics in conjunction with auxiliary contacts ever since the launch of product

■ **Stock items**

Power Contactors

3RT (S6, S10, S12) with "Mirror contacts elements" Withdrawable coils and integrated varistor in coil circuit

Contactor without operating coil (Please order coil separately)

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Contactor w/o Aux				Contactor with Aux			
			Auxiliary contacts**	Type	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	–	■ 3RT1054-6LA008K	28390.-	1	2NO+2NC	■ 3RT1054-6LA068K	30110.-	1
	150	75	–	■ 3RT1055-6LA008K	38815.-	1	2NO+2NC	■ 3RT1055-6LA068K	40220.-	1
	185	90	–	■ 3RT1056-6LA008K	50480.-	1	2NO+2NC	■ 3RT1056-6LA068K	52415.-	1
S10	225	110	–	■ 3RT1064-6LA008K	51925.-	1	2NO+2NC	■ 3RT1064-6LA068K	53920.-	1
	265	132	–	■ 3RT1065-6LA008K	65310.-	1	2NO+2NC	■ 3RT1065-6LA068K	67175.-	1
	300	160	–	■ 3RT1066-6LA008K	80030.-	1	2NO+2NC	■ 3RT1066-6LA068K	82325.-	1
S12	400	200	–	■ 3RT1075-6LA008K	90755.-	1	2NO+2NC	■ 3RT1075-6LA068K	93345.-	1
	500	250	–	■ 3RT1076-6LA008K	133480.-	1	2NO+2NC	■ 3RT1076-6LA068K	136000.-	1

**Please select the required Contact Blocks from below table

Auxiliary Contact Blocks (S6 - S12)

Size	NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	–	–	–	3RH1921-1CA10	305.-	10
	–	1	–	–	3RH1921-1CA01	305.-	10
	–	–	1	–	3RH1921-1CD10	595.-	10
	–	–	–	1	3RH1921-1CD01	595.-	10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1EA20	1280.-	1
	1	1	–	–	3RH1921-1EA11		1
	–	2	–	–	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1KA20	1280.-	1
	1	1	–	–	3RH1921-1KA11		1
	–	2	–	–	3RH1921-1KA02		1

Delayed actuation

Coil

Size	AC Coil				AC/DC Conventtional Coils (Uc Coils)			
	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	23...26	■ 3RT1955-5CB318K	6290.-	1	23...26	■ 3RT1955-5AB318K	6475.-	1
	110...127	■ 3RT1955-5CF318K		1	110...127	■ 3RT1955-5AF318K		1
	220...240	■ 3RT1955-5CP318K		1	220...240	■ 3RT1955-5AP318K		1
	380...420	■ 3RT1955-5CV318K		1	380...420	■ 3RT1955-5AV318K		1
				1	500...550*	■ 3RT1955-5AS31		1
S10			9260.-	1	23...26	■ 3RT1965-5AB31	9530.-	1
	110...127	■ 3RT1965-5CF318K		1	110...127	■ 3RT1965-5AF318K		1
	220...240	■ 3RT1965-5CP318K		1	220...240	■ 3RT1965-5AP318K		1
	380...420	■ 3RT1965-5CV318K		1	380...420	■ 3RT1965-5AV318K		1
				1	500...550*	■ 3RT1965-5AS31		1
S12			17345.-	1	23...26	■ 3RT1975-5AB31	17840.-	1
	110...127	■ 3RT1975-5CF318K		1	110...127	■ 3RT1975-5AF318K		1
	220...240	■ 3RT1975-5CP318K		1	220...240	■ 3RT1975-5AP318K		1
				1	380...420	■ 3RT1975-5AV31		1
				1	500...550*	■ 3RT1975-5AS31		1

*** Specially designed coil for mining applications** *offers complete operating range from 400V to 605V AC/DC*

3RT2 (S0)

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$			DC Coil@		
				Type	Unit LP[1)] ₹	Std. pkg. (nos.)	Type	Unit LP[1)] ₹	Std. pkg. (nos.)
3RT2 Size S0 Contactor									
S0	9	4	1NO + 1NC	■ 3RT2023-1A..08K	2155.-	1	■ 3RT2023-1B..08K	3540.-	1
	12	5.5	1NO + 1NC	■ 3RT2024-1A..08K	2420.-	1	■ 3RT2024-1B..08K	3920.-	1
	17	7.5	1NO + 1NC	■ 3RT2025-1A..08K	2815.-	1	■ 3RT2025-1B..08K	4835.-	1

$ @ Change the 10th and 11th digit of the Article No. Refer page 6 for coil codes

1) For ordering contactors (3RT2 S0) with other than coil codes mentioned in the table in Pg 6, please add Rs. 270.- to the unit LP of standard contactor of the same rating. Please contact nearest sales office for other coil voltages

■ Stock items

SIEMENS

Widest Range of
Energy Efficient Contactors

When you go for Energy Efficiency improvement of your plant or a machine, just DON'T Stop at big items like Motors, HVAC etc.

Generally overlooked product like a CONTACTOR can also contribute much more, when it comes to Energy Efficiency improvement.

Explore SIRIUS Innovation Energy Efficient Contactor Portfolio

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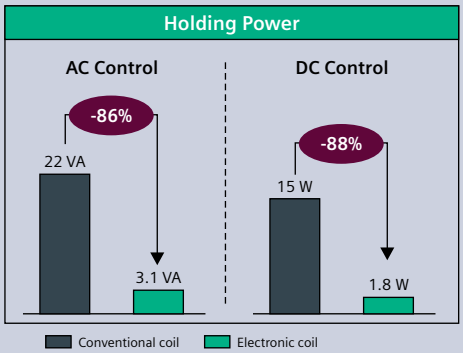
SIRIUS - Energy Efficient Contactor Portfolio (9A to 500A AC-3)

Contactor coil consumes continuous power as long as in operation

3RT20 | 95A AC-3

Typical Holding Power data comparison



Contactors with Electronic coil can be upto 88% more Energy Efficient as compared to conventional AC or DC contactor

Typical Coil Consumption (Holding)

12-38A AC-3 | 3RT202.-1N..0		
	AC Control	*DC Control*
Size S0	1.9 VA	1.4 W

50-80A AC-3 | 3RT203.-1N..0		
	AC Control	*DC Control*
Size S2	2 VA	1 W

95-110A AC-3 | 3RT204.-1N..0		
	AC Control	*DC Control*
Size S3	3.1 VA	1.8 W

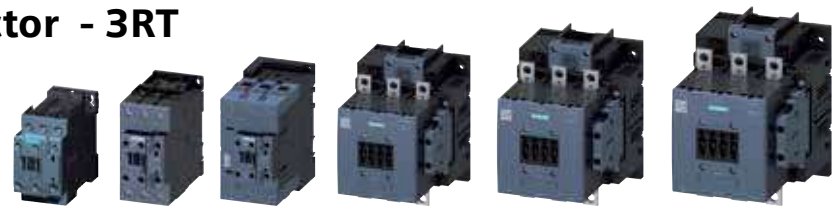
115-185A AC-3 | 3RT105.-6N.36		
	AC Control	*DC Control*
Size S6	3.5 VA	2.1 W

225-300A AC-3 | 3RT106.-6N.36		
	AC Control	*DC Control*
Size S10	5.5 VA	2.8 W

400-500A AC-3 | 3RT107.-6N.36		
	AC Control	*DC Control*
Size S12	5.6 VA	3 W

Energy Efficient Power Contactor - 3RT

(Electronic Coil - Universal AC/DC operation)



S0 S2 S3 S6 S10 S12

Screw terminals

Size	Surge Suppressor	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Extended operating range 0.7 to 1.3 x Us								
S0	Varistor integrated	9	4	1	1	3RT2023-1N..0	4365.-	1
		12	5.5	1	1	3RT2024-1N..0	5125.-	1
		17	7.5	1	1	3RT2025-1N..0	5760.-	1
		25	11	1	1	3RT2026-1N..0	8110.-	1
		32	15	1	1	3RT2027-1N..0	16605.-	1
		38	18.5	1	1	3RT2028-1N..0	19240.-	1
Extended operating range 0.8 to 1.1 x Us								
S2	Varistor integrated	50 ... 80	22 ... 37	1	1	refer page no. 6		
S3	Varistor integrated	95 ... 110	45 ... 55	1	1	refer page no. 6		
S6-12	Varistor integrated	115 ... 500	55 ... 250	2	2	refer page no. 6 & 7		

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S0

Contactor type	3RT202.-1N
Size	S0
21 ... 28 V AC/DC	B3
95 ... 130 V AC/DC	F3
200 ... 280 V AC/DC	P3

Power Contactors - 3RT20 coupling relays (PLC interface relay)

S00 S0 S2 S3

Screw terminals

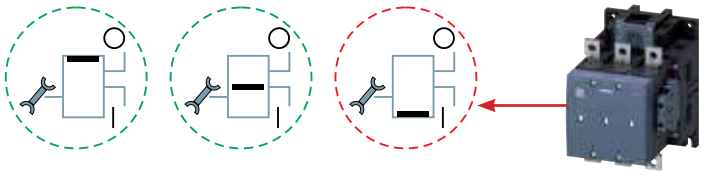
Size	Surge Suppressor	AC-3 Operational Current Ie upto 415V A	Rating of induction motor at 50 Hz and 415V	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding power consumption 2.8W at 24V DC								
S00	Built in suppressor Diode	7	3	1	–	3RT2015-1KB41	3065.-	1
				–	1	3RT2015-1KB42	3065.-	1
		9	4	1	–	3RT2016-1KB41	3485.-	1
				–	1	3RT2016-1KB42	3485.-	1
		12	5.5	1	–	3RT2017-1KB41	3595.-	1
				–	1	3RT2017-1KB42	3595.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding Power Consumption 4.5W at 24V DC								
S0	Varistor integrated	12	5.5	1	1	3RT2024-1KB40	4270.-	1
		17	7.5	1	1	3RT2025-1KB40	6515.-	1
		25	11	1	1	3RT2026-1KB40	7860.-	1
		32	15	1	1	3RT2027-1KB40	13305.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 1W at 24V DC								
S2	Varistor integrated	50	22	1	1	3RT2036-1KB40	23385.-	1
		65	30	1	1	3RT2037-1KB40	26265.-	1
		80	37	1	1	3RT2038-1KB40	31320.-	1
Rated control supply voltage Us =24V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 0.9W at 24V DC								
S3	Varistor integrated	95	45	1	1	3RT2046-1KB40	39160.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S00, S0
Add-on Auxiliary contact blocks: S00: Not applicable, S0: Laterally mountable, S2/S3: Front and Laterally mountable

Vacuum Contactors - 3RT12

Benefits

- AC-3 electrical life expectancy of about 2.5 million operation
- Contacts in the tube will not weld. Arc contained, therefore no gas generated nor flash during operation
- No deration of rated current up to 1000V AC for 3RT12 and up to 690V AC for 3TF6
- Visual inspection window for inspection of contact erosion available for 3RT12



with universal coil (AC/DC) Coils, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) AC3 upto 415V	Type€	Unit LP ₹	Std. pkg. (nos.)
10	225	3RT1264-6A..6	189460.-	1
10	265	3RT1265-6A..6	223800.-	1
10	300	3RT1266-6A..6	245140.-	1
12	400	3RT1275-6A..6	309935.-	1
12	500	3RT1276-6A..6	402755.-	1

€ Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420

Note: Contactors with Energy Efficient coils available on request

Vacuum Contactors - 3TF6

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil				DC coil			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	458565.-	1	3NO + 3NC	3TF6833-1D..[1)]	512695.-	1
	820	450	4NO + 4NC	3TF6944-0C..	681315.-	1	3NO + 3NC	3TF6933-1D..[1)]	783095.-	1

For coil codes & foot note (1) refer page no. 35

Power Contactors - 3RT with indication of Remaining LifeTime (RLT)

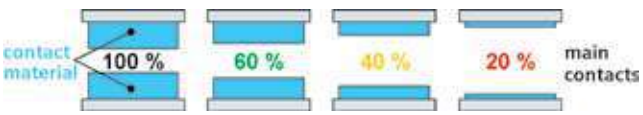
Withdrawable coils and integrated surge suppressor

Benefits

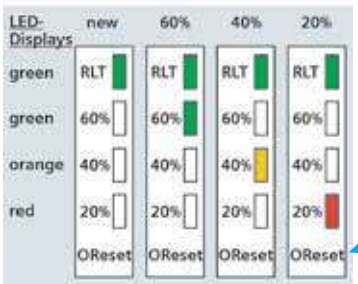
- Early warning to replace contacts
- Optimum utilization of contact material
- Visual inspection of condition of contacts no longer necessary
- Reduction of operating costs
- Optimum planning of maintenance schedules
- Avoidance of unforeseen plant downtimes

Size	AC-3 Operational Current Ie upto 415 V [1)] A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	1NO+1NC	96...127	3RT1054-1PF35	58725.-	1
			1NO+1NC	220...277	3RT1054-1PP35	58725.-	
	150	75	1NO+1NC	96...127	3RT1055-6PF35	68495.-	1
			1NO+1NC	220...277	3RT1055-6PP35	68495.-	
	185	90	1NO+1NC	96...127	3RT1056-6PF35	80930.-	1
			1NO+1NC	220...277	3RT1056-6PP35	80930.-	
S10	225	110	1NO+1NC	96...127	3RT1064-6PF35	84915.-	1
			1NO+1NC	220...277	3RT1064-6PP35	84915.-	
	265	132	1NO+1NC	96...127	3RT1065-6PF35	100570.-	1
			1NO+1NC	220...277	3RT1065-6PP35	100570.-	
	300	160	1NO+1NC	96...127	3RT1066-6PF35	117745.-	1
			1NO+1NC	220...277	3RT1066-6PP35	117745.-	
S12	400	200	1NO+1NC	96...127	3RT1075-6PF35	133320.-	1
			1NO+1NC	220...277	3RT1075-6PP35	133320.-	
	500	250	1NO+1NC	96...127	3RT1076-6PF35	197580.-	1
			1NO+1NC	220...277	3RT1076-6PP35	197580.-	

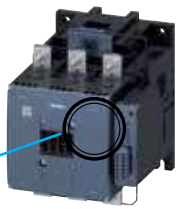
1) For size S6 to S12 size contactors, operating current Ie is valid up to 500V



LEDs on the contactor



RLT contactor



3 Pole AC1 Duty Contactors

Size	AC-1 operational current Ie upto 690V A	AC Coil$			AC/DC Coil €		
		Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S3	140	3RT2446-1A..0	27975.-	1	3RT2446-1N..0	35550.-	1

Size	AC-1 operational current Ie upto 690V A	Auxiliary Contacts	Type€	Unit LP ₹	Std. pkg. (nos.)
S6	275	2NO+2NC	3RT1456-6A..68K	69065.-	1
S10	400	2NO+2NC	3RT1466-6A..68K	94210.-	1
S12	690	2NO+2NC	3RT1476-6A..68K	195425.-	1

4 Pole Power Contactors

With 4NO main contacts

Contactor size	Rated current Ie (A) AC1, 415V	Auxiliary Contacts		AC Coil$			DC Coil@		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2316-1A..0	3260.-	1	3RT2316-1B..0	5290.-	1
	22	–	–	3RT2317-1A..0	3375.-	1	3RT2317-1B..0	5635.-	1
S0	35	1	1	3RT2325-1A..0	3765.-	1	3RT2325-1B..0	6740.-	1
	40	1	1	3RT2326-1A..0	5845.-	1	3RT2326-1B..0	10390.-	1
	50	1	1	3RT2327-1A..0	7065.-	1	3RT2327-1B..0	13235.-	1
S2	60	1	1	3RT2336-1A..0	15575.-	1	3RT2336-1N..0€	19345.-	1
	110	1	1	3RT2337-1A..0	26075.-	1	3RT2337-1N..0€	29190.-	1
S3	140	1	1	3RT2346-1A..0	28995.-	1	3RT2346-1N..0€	37485.-	1
	160	1	1	3RT2348-1A..0	33625.-	1	3RT2348-1N..0€	39850.-	1

With 4NO main contacts

Size	AC-1 operational current Ie upto 690V A	Auxiliary Contacts	Type€	Unit LP ₹	Std. pkg. (nos.)
S6	200	2NO+2NC	3RT1355-6A..6	59355.-	1
S10	275	2NO+2NC	3RT1363-6A..6	87770.-	1
	350	2NO+2NC	3RT1364-6A..6	112775.-	1
S12	400	2NO+2NC	3RT1373-6A..6	130785.-	1
	500	2NO+2NC	3RT1374-6A..6	158425.-	1
	525	2NO+2NC	3RT1375-6A..6	176760.-	1

With 2NO+2NC main contacts

size	AC-1 operational current Ie upto 415V A	Auxiliary Contacts		AC Coil$			DC Coil@		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2516-1A..0	3450.-	1	3RT2516-1B..0	4490.-	1
	22	–	–	3RT2517-1A..0	4060.-	1	3RT2517-1B..0	6620.-	1
S0	40	1	1	3RT2526-1A..0	6825.-	1	3RT2526-1B..0	12345.-	1
S2	60	1	1	3RT2535-1A..0	17910.-	1	3RT2535-1N..0€	23380.-	1
	70	1	1	3RT2536-1A..0	23105.-	1	3RT2536-1N..0€	26530.-	1
S3	100	1	1	3RT2544-1A..0	25890.-	1	3RT2544-1N..0€	30595.-	1
	125	1	1	3RT2545-1A..0	28830.-	1	3RT2545-1N..0€	36320.-	1

Rated control supply voltage (Change of the 10th and 11th digit of the Article No.)

$ - AC operation

Contactor type	3RT23, 3RT25	3RT24
Size	S00 (50/60Hz), S0, S2, S3 (50 Hz)	S3 (50/60Hz)
24 V AC	B0	C2
110 V AC	F0	G2
230 V AC	P0	L2

@ - DC operation

Contactor type	3RT23, 3RT25
Size	S00, S0
24 V DC	B4
110 V DC	F4
220 V DC	M4

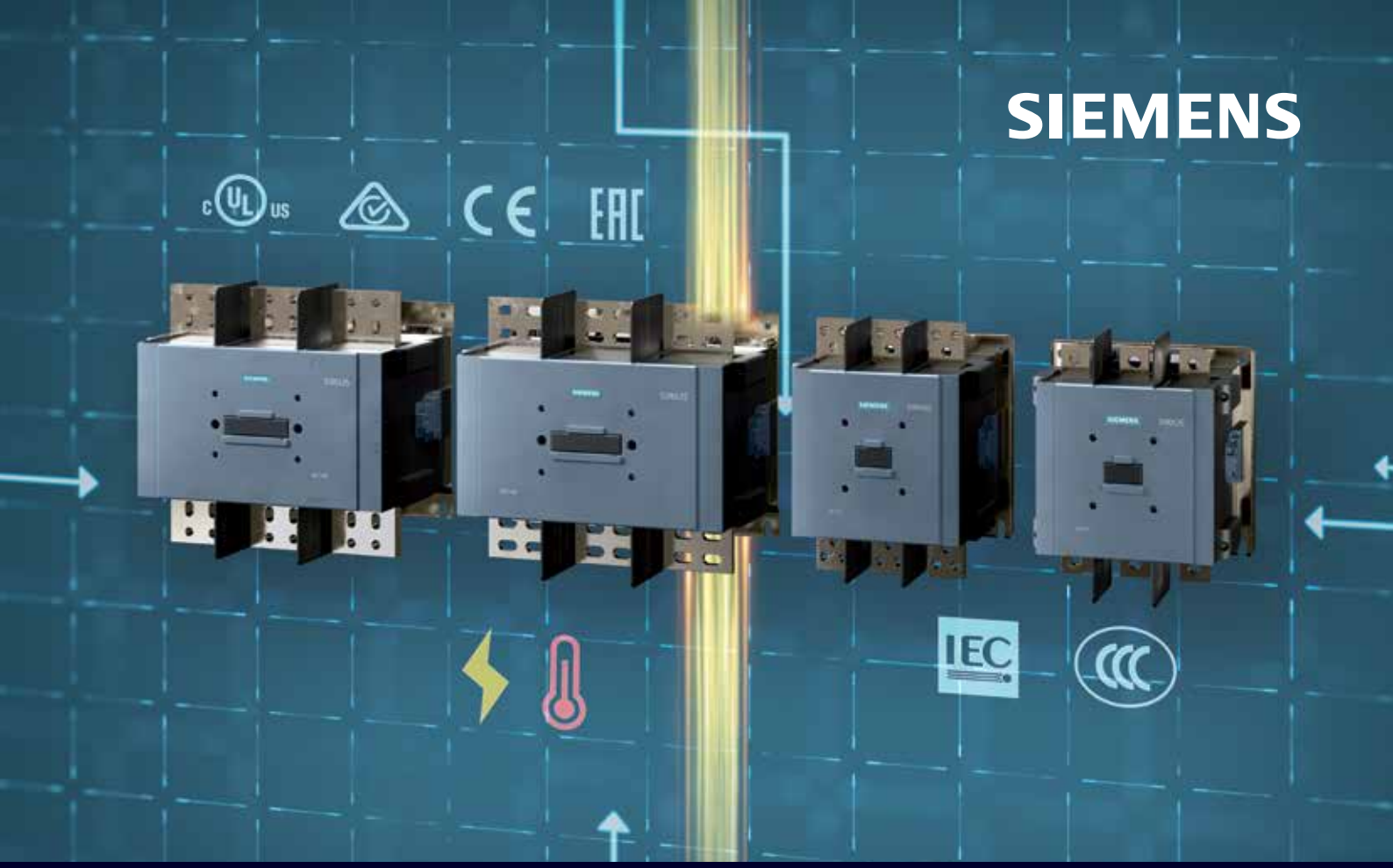
€ - Universal operation AC / DC

Contactor type	3RT23, 3RT25, 3RT24
Size	S2, S3
20 ... 33	B3
175 ... 280	P3

Contactor Type	3RT13
Size	S6, S10, S12
24 ... 60	E3
48 ... 130	F3
100 ... 250	P3
250 ... 500	R3

Contactor type	3RT 14
Size	S6, S10, S12
20 ... 26	B3
110 ... 127	F3
220 ... 240	P3

LP - List Price



SIRIUS 3RT14, 3-pole

Large Contactors for high currents

www.siemens.com/SIRIUS

Type*	Rating data		Lateral Auxiliary Contacts		Rated control supply voltage U	
	Operating Current I_e (A) AC1	Rated voltage U_e	NO	NC	V (AC 50/60 Hz)	V (DC)
3RT1481-6AF36 3RT1481-6AP36	900A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1482-6AF36 3RT1482-6AP36	1050A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1483-6AP36	1260A	1000V	2	2	100...240	100...220
3RT1485-6AP36	1700A	1000V	2	2	100...240	100...220
3RT1486-6AP36	2100A	1000V	2	2	100...240	100...220
3RT1487-6AP36	2650A	1000V	2	2	100...240	100...220

*Price on request

SIEMENS

The world's first **contactor** with maximum benefits in safety applications!

SIRIUS Innovation contactors from size S2 to S12 (22kW to 250kW) has been now expanded to include versions suitable for direct control from fail-safe controllers and safety relays which is first of its kind in the market.

This makes it possible to attain SIL 2 and/or PL c with just one contactor and SIL 3 and/or PL e with two contactors in series according to IEC 62061 and ISO 13849-1

www.siemens.com/SIRIUS

Advantages at a glance

01 **Digital input directly on board**
First contactor with certified, digital input for activation from fail-safe or standard controllers

02 **Time & Cost saving**
Reduced wiring and configuration efforts
Cost optimization of additional coupling level

03 **Maximum Safety level**
Certified inputs enables devices to be used up to the highest safety level (SIL 3 / PLe)

04 **Everything from single source**
Complements safety solutions offered by the SIRIUS modular system

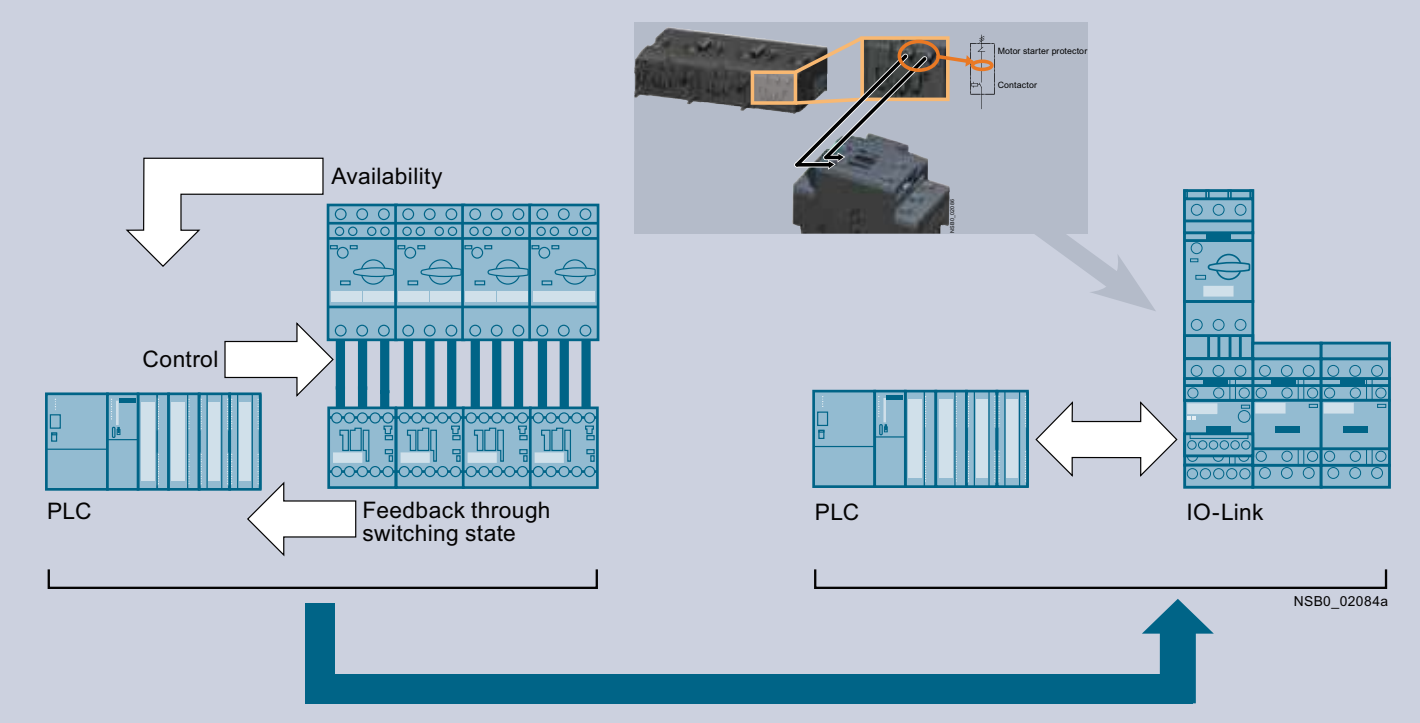
S6 S10 S12

SIRIUS Innovation Contactors with fail-safe input

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Permanently Mounted Auxiliary Contacts	Rated control supply voltages Us AC/DC	Type	Unit LP ₹	Std Pkg. (nos.)
S6	115	55	2NO+2NC	96...127	3RT1054-6SF36-3PA0	54190.-	1
				220...227	3RT1054-6SP36-3PA0	54190.-	
	150	75	2NO+2NC	96...127	3RT1055-6SF36-3PA0	66105.-	1
				220...227	3RT1055-6SP36-3PA0	66105.-	
	185	90	2NO+2NC	96...127	3RT1056-6SF36-3PA0	77685.-	1
				220...227	3RT1056-6SP36-3PA0	77685.-	
S10	225	110	2NO+2NC	96...127	3RT1064-6SF36-3PA0	84535.-	1
				220...227	3RT1064-6SP36-3PA0	84535.-	
	265	132	2NO+2NC	96...127	3RT1065-6SF36-3PA0	101220.-	1
				220...227	3RT1065-6SP36-3PA0	101220.-	
	300	160	2NO+2NC	96...127	3RT1066-6SF36-3PA0	117500.-	1
				220...227	3RT1066-6SP36-3PA0	117500.-	
S12	400	200	2NO+2NC	96...127	3RT1075-6SF36-3PA0	135350.-	1
				220...227	3RT1075-6SP36-3PA0	135350.-	
	500	250	2NO+2NC	96...127	3RT1076-6SF36-3PA0	193385.-	1
				220...227	3RT1076-6SP36-3PA0	193385.-	

For S2 and S3 Contactors please get in touch with your nearest sales office

Communication capable Power Contactors



Rated control supply voltage **Us = 24 V DC**
Screw terminals

Size	AC-3 Operational Current Ie upto 415V A	Motor rating at 415V, 50 Hz kW	Auxiliary contacts	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	1NO	3RT2015-1BB41-0CC0	3240.-	1
			1NC	3RT2015-1BB42-0CC0		
	9	4	1NO	3RT2016-1BB41-0CC0	3530.-	1
			1NC	3RT2016-1BB42-0CC0		
	12	5.5	1NO	3RT2017-1BB41-0CC0	4060.-	1
			1NC	3RT2017-1BB42-0CC0		
	16	7.5	1NO	3RT2018-1BB41-0CC0	4805.-	1
			1NC	3RT2018-1BB42-0CC0		
S0	9	4	1NO + 1NC	3RT2023-1BB40-0CC0	4300.-	1
	12	5.5	1NO + 1NC	3RT2024-1BB40-0CC0	4725.-	1
	17	7.5	1NO + 1NC	3RT2025-1BB40-0CC0	6620.-	1
	25	11	1NO + 1NC	3RT2026-1BB40-0CC0	8005.-	1
	32	15	1NO + 1NC	3RT2027-1BB40-0CC0	13395.-	1
	38	18.5	1NO + 1NC	3RT2028-1BB40-0CC0	18510.-	1
S2	50	22	1NO + 1NC	3RT2036-1NB30-0CC0€	23385.-	1
	65	30	1NO + 1NC	3RT2037-1NB30-0CC0€	26340.-	1
	80	37	1NO + 1NC	3RT2038-1NB30-0CC0€	31985.-	1
S3	95	45	1NO + 1NC	3RT2046-1NB30-0CC0€	41770.-	1
	110	55	1NO + 1NC	3RT2047-1NB30-0CC0€	52910.-	1

*For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' for S00, S0
€ - Universal operation 20...33V AC / DC

Solid state switching devices - 3RF

Solid state contactless switching for application requiring frequent switching

- Compact 22.5mm design with built in LED & finger touch proof protection
- Blocking voltage 1200V
- Main voltage 48-460V AC
- Control voltage 4-30V DC
- Zero point switching

Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
20	3RF2120-1AA45$	3690.-	1
30	3RF2130-1AA45$	5710.-	1
50	3RF2150-1AA45$	9495.-	1
70	3RF2170-1AA45$	11020.-	1
90	3RF2190-1AA45$	13635.-	1

$ To be used along with suitable heatsink, other voltages upon enquiry

Contact your nearest Siemens partner to know more about

- 3RF20 solid state relays with 45mm design for resistive loads
- 3RF23 single phase solid state contactors with built in heatsink for resistive/inductive loads
- 3RF24 three phase solid state contactors with built-in heat sink for resistor loads upto 50A
- Add on function modules to achieve extended functionality

Accessories for 3RH2 & 3RT2 Contactors (S00 / S0 / S2 / S3)

Auxiliary Contact Blocks (S00 / S0 / S2 / S3)

for snapping onto the front

For	NO	NC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	1	–	3RH2911-1HA10	395.-	1
	–	1	3RH2911-1HA01		1
	2	–	3RH2911-1HA20	555.-	1
	1	1	3RH2911-1HA11		1
	–	2	3RH2911-1HA02		1
	2	2	3RH2911-1HA22	985.-	1
	3	1	3RH2911-1HA31		1
	4	–	3RH2911-1FA40		1

* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

Laterally mountable auxiliary contact blocks on left and / or right

For	NO	NC	Type*1)	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	–	2	3RH2921-1DA02	1180.-	1
	1	1	3RH2921-1DA11		1
	2	–	3RH2921-1DA20		1

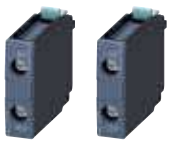
* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

1) Only left side mounting possible for 3RH2 contactor relays

Accessories for 3 Pole 3RT1 Contactors (S6 - S12)

Auxiliary Contact Blocks (S6 - S12)

Size	NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	–	–	–	3RH1921-1CA10	305.-	10
	–	1	–	–	3RH1921-1CA01		10
	–	–	1	–	3RH1921-1CD10	595.-	10
	–	–	–	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1EA20	1280.-	1
	1	1	–	–	3RH1921-1EA11		1
	–	2	–	–	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1KA20	1280.-	1
	1	1	–	–	3RH1921-1KA11		1
	–	2	–	–	3RH1921-1KA02		1



Delayed actuation

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Surge suppressors

Screw and spring terminals

Size	For Contactor	Version	AC Operation Rated control supply voltage (U_s) V AC	DC Operation Rated control supply voltage (U_s) V DC	Type	Unit LP ₹	Std. pkg. (nos.)
for 3RH2 & 3RT2 Size S00							
S00	3RT2.1 & 3RH2.	Varistors (with LED)	24 ... 48	12 ...24	■ 3RT2916-1JJ00	905.-	1
			48 ... 127	24 ... 70	■ 3RT2916-1JK00		1
			127 ... 240	70 ... 150	■ 3RT2916-1JL00		1
			--	150 ... 250	3RT2916-1JP00		1
		RC Elements	24 ... 48	24 ... 70	3RT2916-1CB00		1
			48 ... 127	70 ... 150	3RT2916-1CC00		1
			127 ... 240	150 ... 250	3RT2916-1CD00		1
		Diode assemblies	--	12 ...250	3RT2916-1EH00		1
		Diode with LED	--	24 ... 70	3RT2916-1LM00		1
		Additional load modules	180 ... 255	--	3RT2916-1GA00		1
for 3RT2 Size S0							
S0	3RT2.2	Varistors	24 ... 48	24 ... 70	■ 3RT2926-1BB00	1190.-	1
			48 ... 127	70 ... 150	■ 3RT2926-1BC00		1
			127 ... 240	150 ... 250	■ 3RT2926-1BD00		1
			240 ... 400	--	■ 3RT2926-1BE00		1
		RC Elements	24 ... 48	24 ... 70	3RT2926-1CB00		1
			48 ... 127	70 ... 150	3RT2926-1CC00		1
			127 ... 240	150 ... 250	3RT2926-1CD00		1
			240 ... 400	--	3RT2926-1CE00		1
		Diode assemblies	--	24	3RT2926-1ER00		1
			--	30 ... 250	3RT2926-1ES00		1
		Varistor with LED	127 ... 240	70 ... 150	3RT2926-1JL00		1
for 3RT2 Size S2 & S3							
S2, S3	3RT2.3 3RT2.4	Varistors[1)]	24 ... 48	--	■ 3RT2936-1BB00	1400.-	1
			48 ... 127	--	■ 3RT2936-1BC00		1
			127 ... 240	--	■ 3RT2936-1BD00		1
			240 ... 400	--	■ 3RT2936-1BE00		1
			400 ... 600	--	3RT2936-1BF00		1
		Diode assemblies	--	24	3RT2936-1ER00		1
			--	30 ... 250	3RT2936-1ES00		1
		Varistors with LED	127... 240	70 ... 150	3RT2936-1JL00		1
for 3RT2 Size S2 - RC Element							
S2	3RT2.3	RC Elements	24 ... 48	24 ... 70	3RT2936-1CB00	1400.-	1
			48 ... 127	70 ... 150	3RT2936-1CC00		1
			127 ... 240	150 ... 250	3RT2936-1CD00		1
			240 ... 400	--	3RT2936-1CE00		1
for 3RT2 Size S3 - RC Element							
S3	3RT2.4	RC Elements	24 ... 48	24 ... 70	3RT2946-1CB00	1400.-	1
			48 ... 127	70 ... 150	3RT2946-1CC00		1
			127 ... 240	150 ... 250	3RT2946-1CD00		1
			240 ... 400	--	3RT2946-1CE00		1

1) In 3RT2 universal coil varistor is in-built

Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00, S0, S2, S3	3RT2 & 3RH2[@]	3RT2916-4MA10	285.-	1 pack = 5 units

@ Exception: Contactors and contactor relays auxiliary switch block mounted onto the front

Safety main current connectors for 2 contactors

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT2	3RA2916-1A	1855.-	1
S0		3RA2926-1A		1
S2		3RA2936-1A		1

■ **Stock items**

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Coil terminal modules for S0, S2, S3

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Connection from top	3RT2	3RT2926-4RA11	520.-	1
Connection from below		3RT2926-4RB11		1
Connection diagonally		3RT2926-4RC11		1

Coupling links for control by PLC

for mounting onto the coil terminals of the contactors

Size	For Contactor	Mounting	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	onto the coil terminals of the contactors	3RH2924-1GP11	2785.-	1
S00, S0, S2, S3	3RT2	onto the contactors	3RH2914-1GP11	2845.-	1

LED modules for indicating the contactor function

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00 - S3	3RT2	3RT2926-1QT00	945.-	1 pack = 5 units

Links for paralleling

Size	For Contactor	Version	Max. Conductor cross-sections mm^2	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT20 1	3-Pole with connection terminal	25 (stranded)	3RT1916-4BB31	635.-	1
S0	3RT20 2		50 (stranded)	3RT2926-4BB31	1075.-	1
S2	3RT20 3		120 (stranded)	3RT1936-4BB31	1265.-	1
S3	3RT20 4		185 (stranded)	3RT1946-4BB31	3465.-	1
S00	3RT23 1 & 3RT25 1	4-Pole with connection terminal	25 (stranded)	3RT1916-4BB41	955.-	1

Screw adapters for easy screw fixing

2 units required per contactor

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT1926-4P	45.-	1 pack = 10 units

OFF-Delay Devices

Size	Rated control supply voltage U_s V	Type	Unit LP ₹	Std. pkg. (nos.)
3RT2. 1, 3RT2. 2, 3RH2. . .-1BF40	110 AC/DC	3RT2916-2BK01	6325.-	1
3RT2. 1, 3RT2. 2, 3RH2. . .-1BM40	220 / 230 AC/DC	3RT2916-2BL01		1
3RT2. 1, 3RT2. 2, 3RH2. . .-1BB40	24 DC	3RT2916-2BE01		1

Mechanical latching blocks

Size	For Contactor	Rated control supply voltage U_s V	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	24 AC/DC	3RT2926-3AB31	4020.-	1
		110 AC/DC	3RT2926-3AF31		1
		230 AC/DC	3RT2926-3AP31		1

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Solid state timer block

for snapping onto the front (S00, S0, S2, S3)

Function	For contactors	Auxiliary contacts	Rated control supply voltage U_s 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2813-1AW10	6365.-	1
		1NO + 1NC			3RA2813-1FW10		1
OFF-Delay without auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2815-1AW10	7590.-	1
		1NO + 1NC			3RA2815-1FW10		1
OFF-Delay with auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2814-1AW10	8635.-	1
		1NO + 1NC			3RA2814-1FW10		1

Solid state timer block with semiconductor output

for snapping onto the front (S00, S0)

Function	For contactors#	Auxiliary contacts	Rated control supply voltage U_s 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	–	24 ... 240 VAC/DC	0.05 ... 100	3RA2811-1CW10	6920.-	1
OFF-Delay with auxiliary voltage		–	24 ... 240 VAC/DC	0.05 ... 100	3RA2812-1DW10	8155.-	1

Cannot be fitted onto coupling relays. Also available for 3RT2 S2 & S3 on request

Version	SIRIUS function modules		SIRIUS function modules for IO-Link		SIRIUS function modules for AS-Interface	
	A	Unit LP ₹	B	Unit LP ₹	C	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	*Pls refer above table for type reference **(Solid state timer block with semiconductor output)**		3RA2711-1AA00*	6655.-	3RA2712-1AA00*	7320.-
Reversing starting (S00, S0, S2, S3)	for complete feeder refer page no. 23-24		3RA2711-1BA00*	12550.-	3RA2712-1BA00*	13795.-
Star delta starting (S00, S0, S2, S3)	3RA2816-0EW20	13155.-	3RA2711-1CA00*	19425.-	3RA2712-1CA00*	21430.-

*For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Surge Suppressor for 3Pole 3RT1 (S6..S12)

Size	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
		Rated control supply voltage (U_s)				
		V AC	V DC			
S6, S10, S12	**RC Elements***	24 ... 48	24 ... 70	**3RT1956-1CB00**	**2460.-**	1
		48 ... 127	70 ... 150	**3RT1956-1CC00**		1
		127 ... 240	150 ... 250	**3RT1956-1CD00**		1
		240 ... 400	–	**3RT1956-1CE00**		1
		400 ... 600	–	**3RT1956-1CF00**		1

Contactor coils (Size S6 to S12) comes with in-built varistor
* for connecting to with-drawable coils with screw terminal type connection

Box terminal blocks

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT105	For round and ribbon cables (Upto 70 mm^2)	**3RT1955-4G**	**2365.-**	1
		For round and ribbon cables (Upto 120 mm^2)	**3RT1956-4G**	**3350.-**	1
		Auxiliary conductor connection for box terminals	**3TX7500-0A**	**1340.-**	1
S10 / S12	3RT106 & 3RT107	Upto 240 mm^2 with auxiliary conductor connection	**3RT1966-4G**	**9470.-**	1

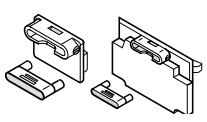
Covers

Terminal covers for box terminals

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3 Pole	**3RT2946-4EA2**	**775.-**	1
S6	3RT105	Length of 25 mm	**3RT1956-4EA2**	**1265.-**	1
S10 / S12	3RT106 & 3RT107	Length of 30 mm	**3RT1966-4EA2**	**2225.-**	1
Terminal covers for cable lugs and busbar connection					
S3	3RT204	Length of 55 mm	**3RT1946-4EA1**	**1130.-**	1
S6	3RT105	Length of 100 mm	**3RT1956-4EA1**	**2160.-**	1
S10 / S12	3RT106 & 3RT107	Length of 120 mm	**3RT1966-4EA1**	**2845.-**	1
Busbar cover between contactor and 3RB2 overload relay or wiring module for contactor assemblies					
S10 / S12	3RT106 & 3RT107	Length of 42 mm	**3RT1966-4EA3**	**1895.-**	1
For busbar cover of the flat line connectors for reversing and wye-delta assemblies					
S6	3RT105	Length of 38 mm	**3RT1956-4EA4**	**1745.-**	1

Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S6, S10, S12	**3RT105, 3RT106 & 3RT107**	**3RT1926-4MA10**	**130.-**	**1 pack = 5 units**



Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Links for paralleling

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3-Pole with through hole (Star Jumpers)	3RT1946-4BB31	3465.-	1
S6	3RT1		3RT1956-4BA31	1895.-	1
S10 / S12	3RT1		3RT1966-4BA31	2520.-	1

Accessories for 3RT12

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Line voltage surge suppressors			
upto 690V AC	3RT1966-1PV3	11320.-	1
upto 1000V AC	3RT1966-1PV4	16540.-	1
Auxiliary contact blocks			
second, 2NO	3RH1921-1KA20	1280.-	1
second, 1NO+1NC	3RH1921-1KA11		1
second, 2NC	3RH1921-1KA02		1
Mechanical interlock mechanism	3RA1954-2A	3615.-	1
Coil surge suppressor			
RC element, for 110V-127V coil	3RT1956-1CC00	2460.-	1
RC element, for 220V-240V coil	3RT1956-1CD00		1

Accessories for 4 Pole Contactor - 3RT23 / 3RT13

Mechanical interlock for 3RT23

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S00-S00	3RA2912-2H	Mechanical interlock & 2 Connecting Clips	630.-	1
S0-S0	3RA2922-2H	Mechanical interlock & 2 Connecting Clips	630.-	1
S2-S2[1)]	3RA2934-2B	Mechanical interlock	715.-	1
	3RA2932-2G	2x Connecting Clips	350.-	10
S3-S3[1)]	3RA2934-2B	Mechanical interlock	715.-	1
	3RA2942-2G	2x Connecting Clips	400.-	10

1) for 3RT23 S2 & S3 reversing combination both Mechanical interlock & 2x Connecting Clips need to be ordered

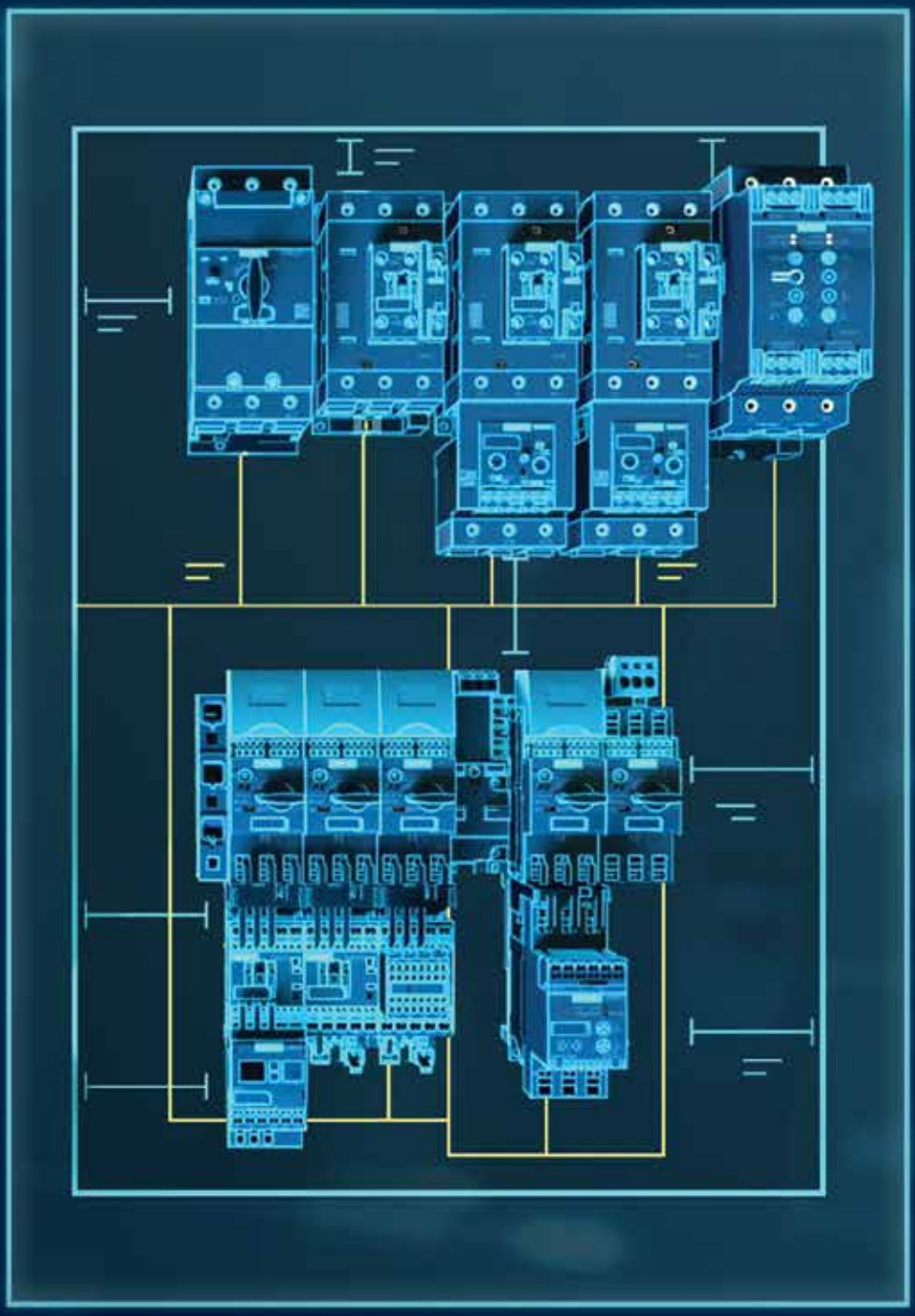
Mechanical interlock for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6-S6	3RA1954-3A	Mechanical interlock for 3RT13	3615.-	1
S10-S10				
S12-S12				

Terminal Covers for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6	3RT1956-4EB10	for 3RT135..	3190.-	1
S10	3RT1966-4EB10	for 3RT136..		
S12	3RT1976-4EB10	for 3RT13..		

Save up to 30%
more space using compact switching devices



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SIEMENS

3RA Load Feeders

Direct On-Line Starters

For snapping onto standard mounting rails or for screw mounting

Size of MPCB / contactor	MPCB	+	Contactor	+	Link module	+	Standard mounting rail adaptor	Final Assembled Unit
S00 / S00	3RV2	+	3RT2 AC and DC coil	+	3RA1921-1DA00	+	Not required	
(S00, S0) / S0	3RV2	+	3RT2 AC coil DC coil	+	3RA2921-1AA00 3RA2921-1BA00	+	Not required	
S2 / S2	3RV2	+	3RT2 AC and DC coil	+	3RA2931-1AA00	+	3RA2932-1AA00 (Optional)	
S3 / S3	3RV2	+	3RT2 AC and DC coil	+	3RA1941-1AA00	+	3RA2942-1AA00	

Link modules, single-unit packaging – For mechanical and electrical connection between contactor and motor protection circuit-breaker with screw terminals

Method of operation	Size of contactor	Size of MPCB	Type	Unit LP ₹	Std. pkg. (nos.)
AC/DC	S00	S00	**3RA1921-1DA00**	**665.-**	**1**
	S2	S2	**3RA2931-1AA00**	**2195.-**	**1**
	S3	S3	**3RA1941-1AA00**	**2250.-**	**1**
AC	S0	S00/S0	**3RA2921-1AA00**	**665.-**	**1**
DC	S0	S00/S0	**3RA2921-1BA00**	**665.-**	**1**

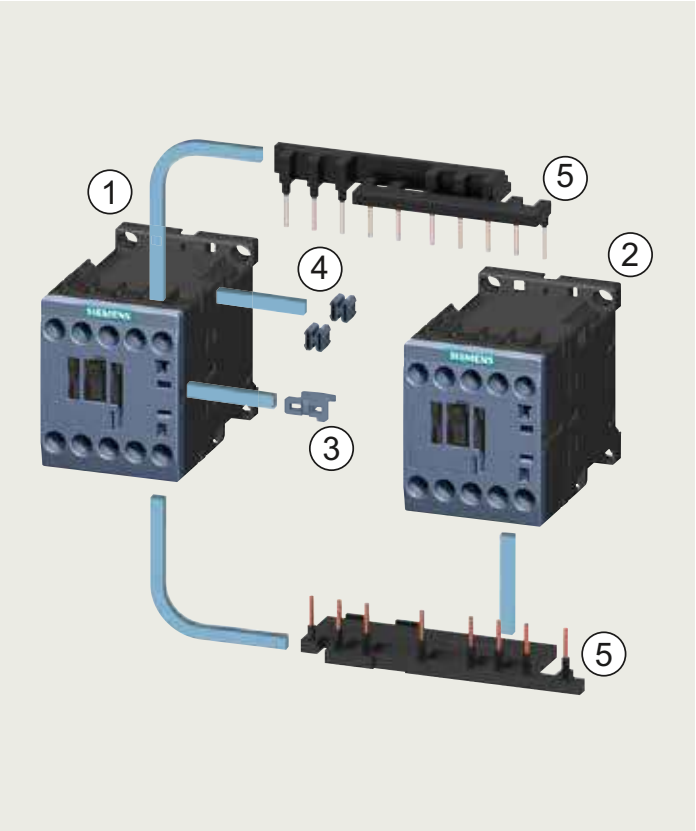
Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S2	S2	**3RA2932-1AA00**	**2280.-**	**1**
S3	S3	**3RA2942-1AA00**	**3125.-**	**1**

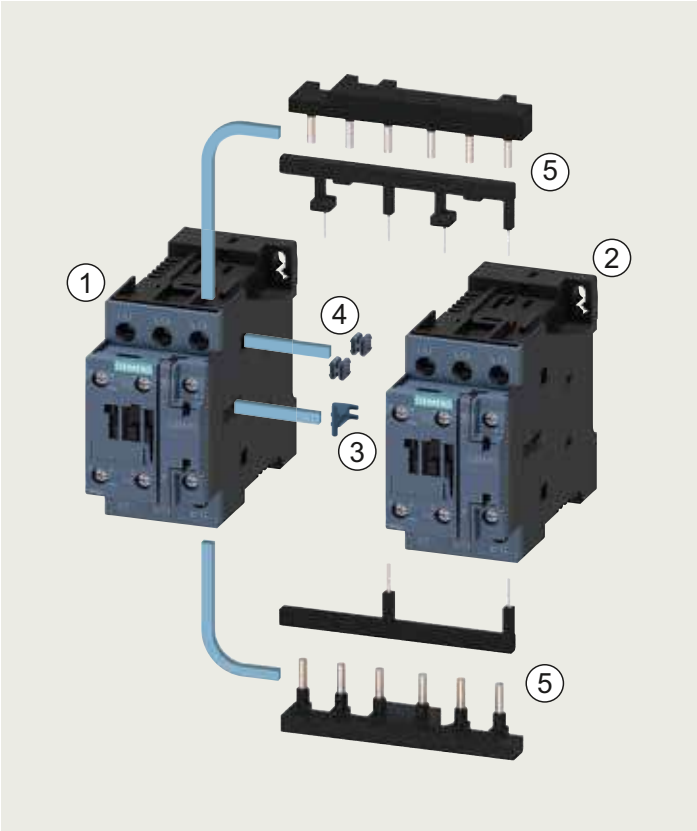
Accessories for 3RT2 Contactors

S00, S0 - Mechanical Interlock & Installation kit for reversing contactors

S00 - S00



S0 - S0



Individual Components

① ② Power Contactor Size S00 - S00 or S0 - S0
③ Lateral mounted mechanical interlock
④ 2 Nos Connecting clips for two contactors
⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type*	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3, 4, 5	Assembly Kit Each kit contains: Mechanical interlock, 2 Connecting clips for 2 contactors, wiring modules on the top & bottom	S00-S00	3RA2913-2AA1	1280.-	1 Unit
		S0-S0	3RA2923-2AA1	1920.-	
3, 4	Each set contains: Mechanical interlock & 2 Connecting clips	S00-S00	3RA2912-2H	630.-	1 pack (1 pack = 10 Sets)
		S0-S0	3RA2922-2H	630.-	

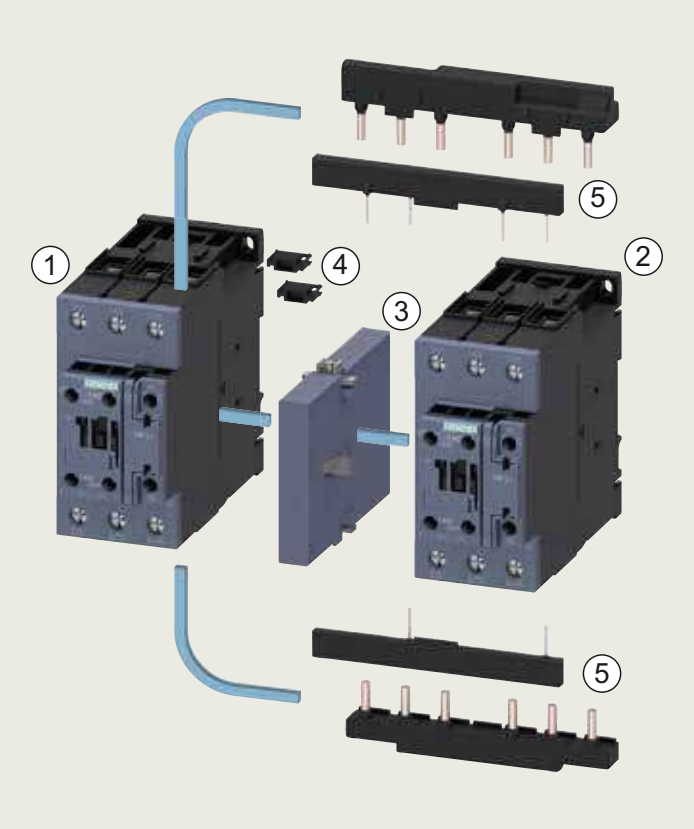
* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'

3, 4, 5

3, 4

Accessories for 3RT2 Contactors

S2 - S2 or S3 - S3 - Mechanical Interlock & Assembly kit for reversing contactors



Individual Components

① ② Power Contactor Size S2 - S2 or S3 - S3
③ Lateral mounted mechanical interlock
④ 2 Nos Connecting clips for two contactors
⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
4, 5	Assembly Kit Each kit contains: • Two connecting clips for two contactor • Wiring modules on the top & bottom for connecting the main and auxiliary current paths	S2 - S2	3RA2933-2AA1	2120.-	1 Unit
		S3 - S3	3RA2943-2AA1	4235.-	1 Unit
3	Mechanical interlock	S2 - S2	3RA2934-2B	715.-	1 Unit
		S3 - S3			
4	Connecting Clips for 3Pole Contactors Two connectors for two contactors	S2 - S2	3RA2932-2C	350.-	10 Unit
		S3 - S3	3RA2932-2D	350.-	

* Assembly kit only available for 3 Pole contactors only

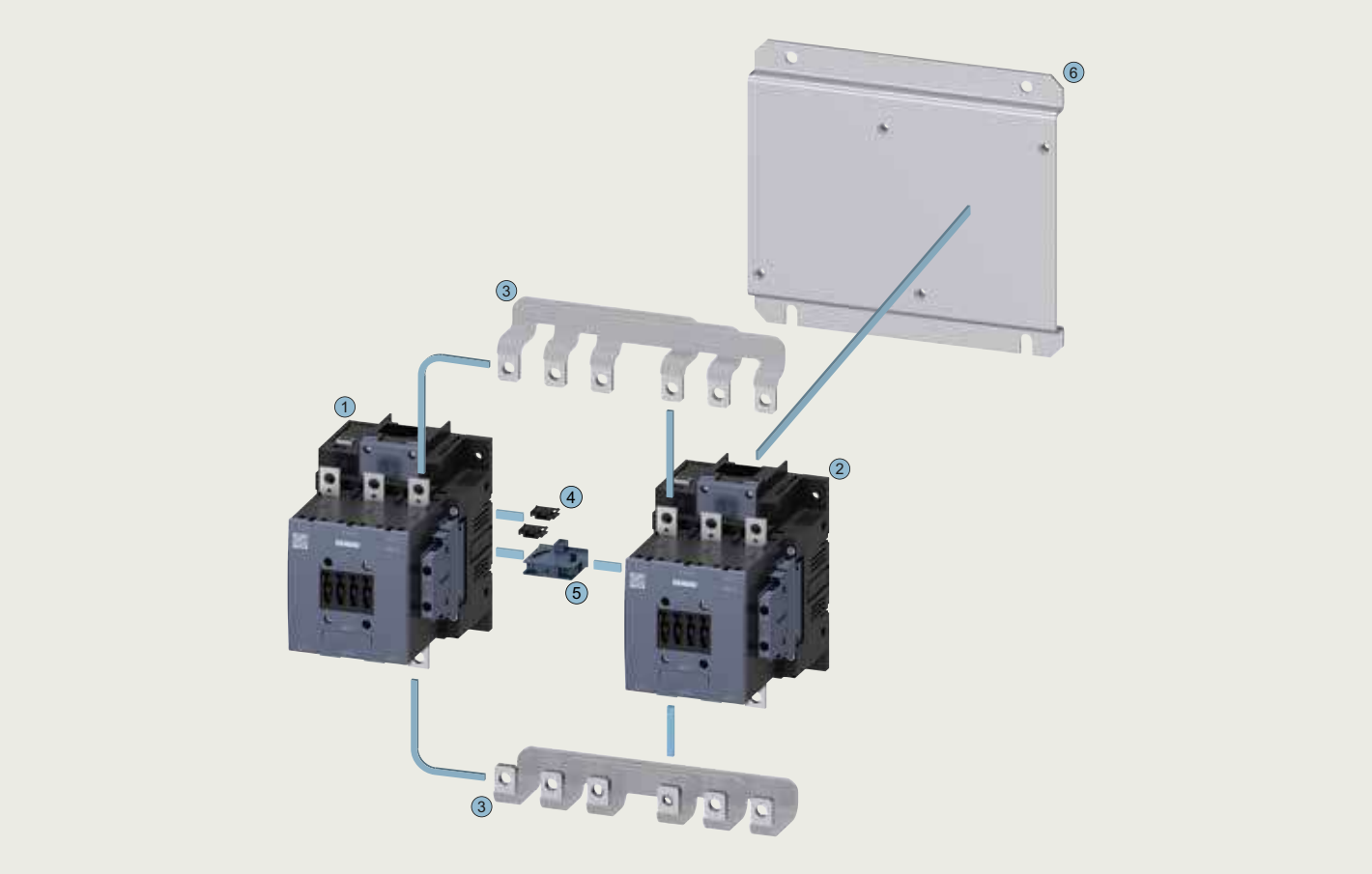
4, 5

3

4

Accessories for 3RT1 Contactors

S6 - S6 - Mechanical Interlock & Installation kit for reversing contactors



Individual Components

① ② Power Contactor Size S6 - S6
③ Assembly Kit
④ Two connectors for two contactors
⑤ Mechanical interlock
⑥ Base plate for reversing contactor assemblies

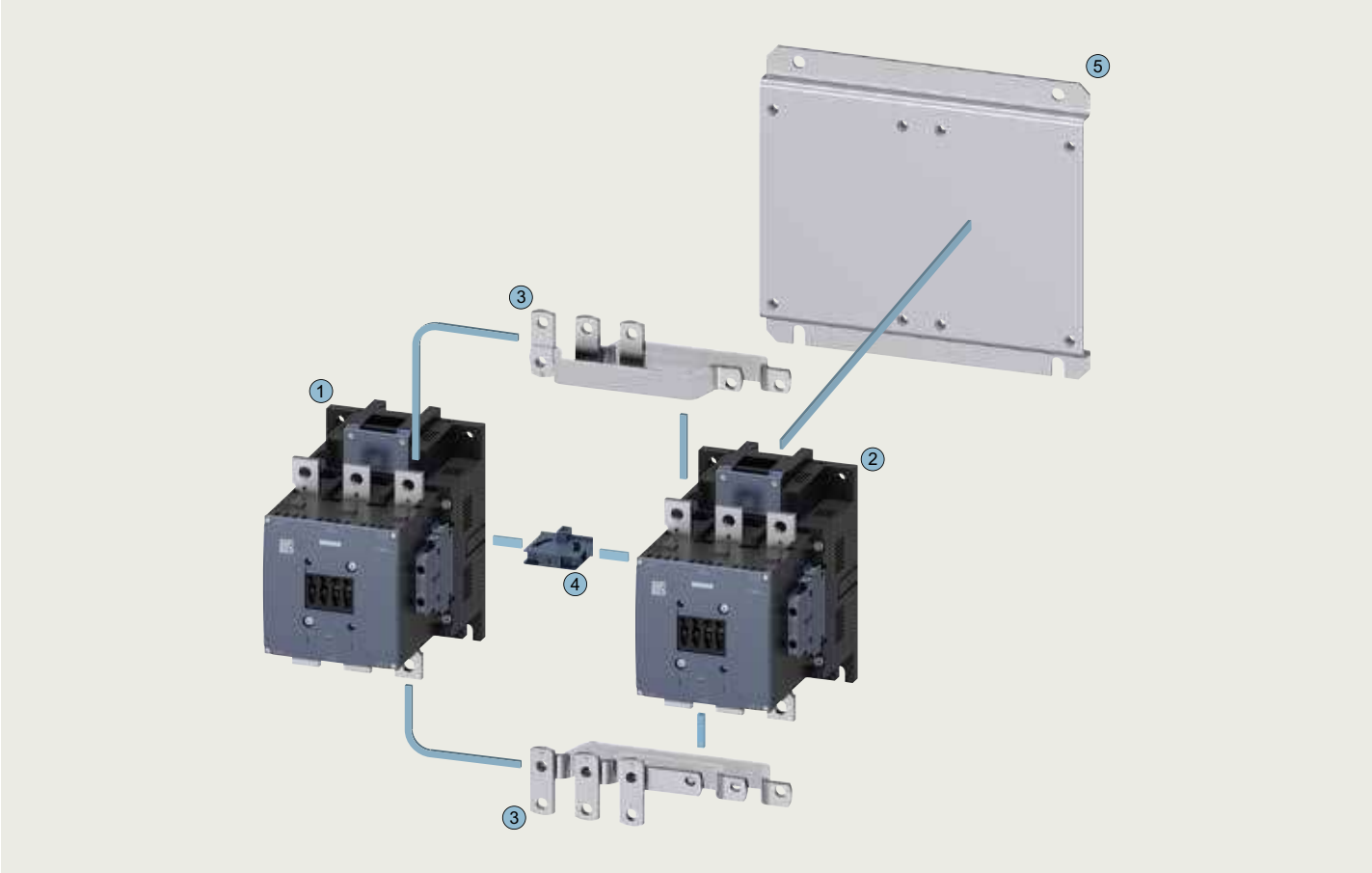
S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	Assembly Kit Each kit contains: • Wiring modules on the top & bottom for contactors without box terminals for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S6 - S6	3RA1953-2A	29260.-	1 Unit
4	Two connectors for two contactors	S6 - S6	3RA1932-2D	335.-	1 Pack (1 pack = 10 sets)
5	Mechanical interlock	S6 - S6	3RA1954-2A	3615.-	1 Unit
6	Base plate for reversing contactor assemblies	S6 - S6	3RA1952-2A	5465.-	1 Unit

■ **Stock items**

LP - List Price

Accessories for 3RT1 Contactors

S10 - S10 or S12 - S12 - Mechanical Interlock & Installation kit for reversing contactors



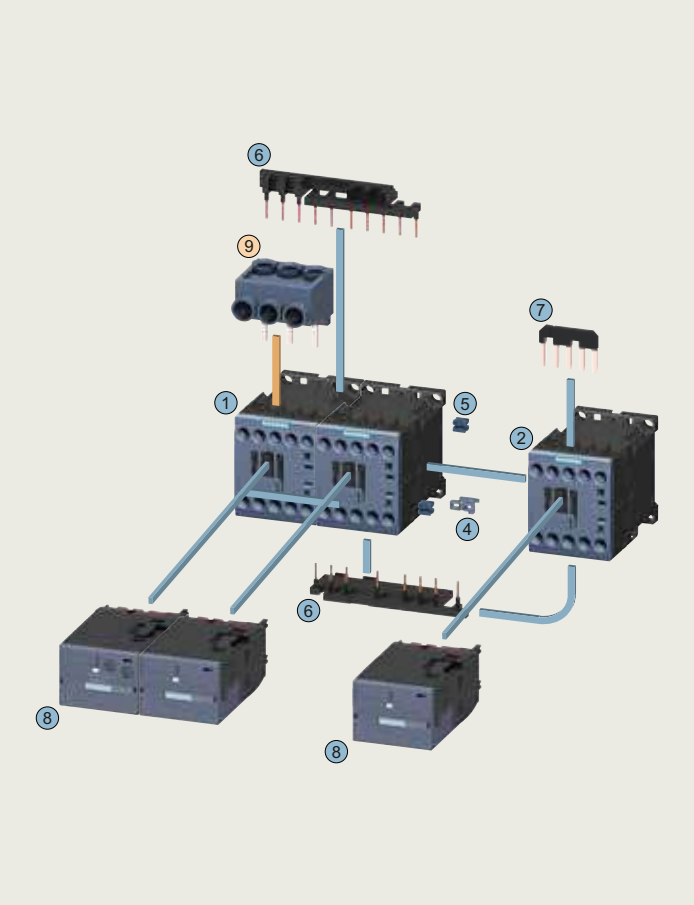
Individual Components

① ② Power Contactor Size S10 - S10 or S12 - S12
③ Assembly Kit
④ Mechanical interlock
⑤ Base plate for reversing contactor assemblies

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	Assembly Kit Each kit contains: • Wiring modules on the top & bottom for contactors without box terminals for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S10 - S10	3RA1963-2A	31195.-	1 Unit
		S12 - S12	3RA1973-2A	33155.-	1 Unit
4	Mechanical interlock	S10 - S10	3RA1954-2A	3615.-	1 Unit
		S12 - S12			
5	Base plate for reversing contactor assemblies	S10 - S10	3RA1962-2A	8195.-	1 Unit
		S12 - S12	3RA1972-2A	9560.-	1 Unit

Accessories for 3RT2 Contactors

S00-S00-S00 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

① ② ③ Power Contactors:
Line: S00
Delta: S00
Star: S00

Assembly kit : ④ ... ⑦

④ Mechanical interlock

⑤ 4 Nos Connecting clips for contactors

⑥ Wiring modules on the top & bottom for connecting the main and the control path

⑦ Star Jumper

⑧ Function Module for Star-Delta

⑨ 3-phase feeder terminal

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 1	Assembly Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ **3RA2913-2BB1***	**1305.-**	**1 Unit**
8	3RT20 1	Function module	■ **3RA2816-0EW20**	**13155.-**	**1 Unit**
9	3RT20 1	3-phase feeder terminal (for Screw type contactors only)	■ **3RA2913-3K**	**950.-**	**5 Unit**

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'

4...7

8

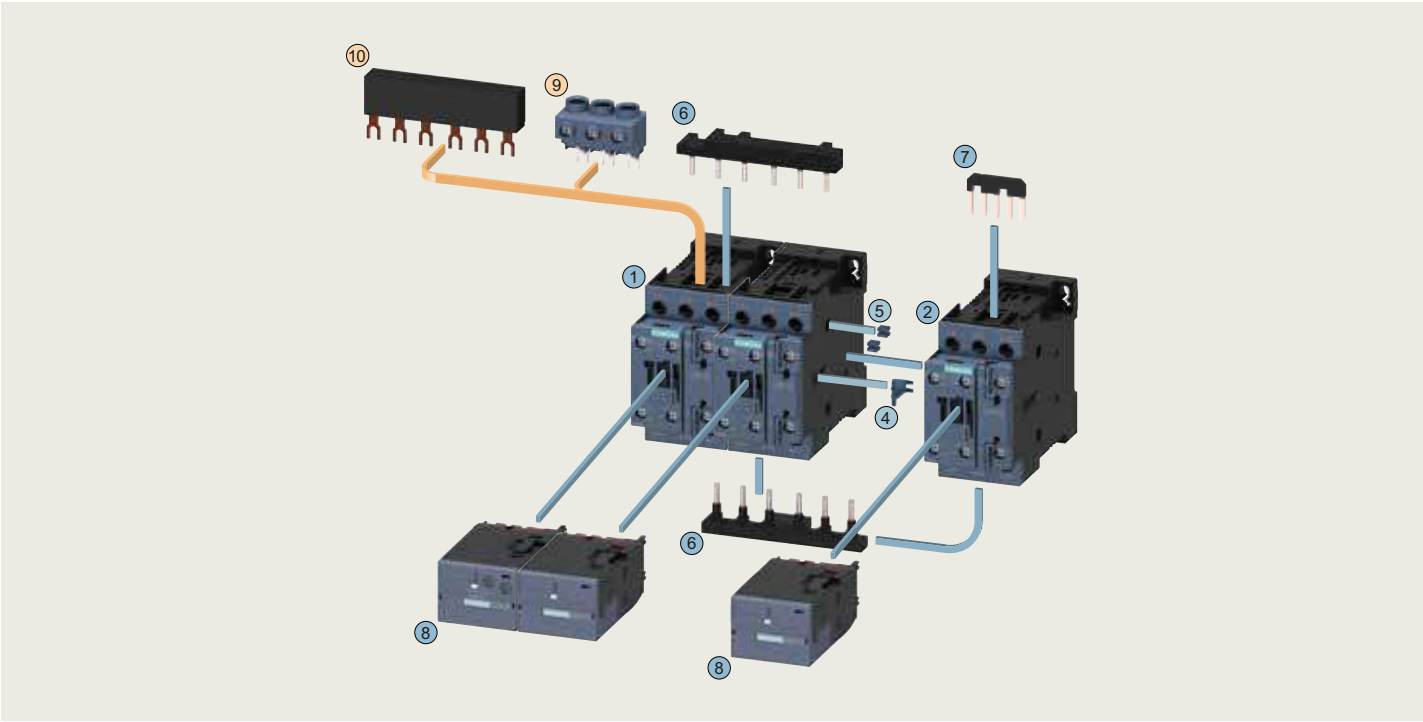
9

■ **Stock items**

LP - List Price

Accessories for 3RT2 Contactors

S0-S0-S0 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

① ② ③ Power Contactors:
Line: S0
Delta: S0
Star: S0

⑧ Function Module for Star-Delta

⑨ 3-phase feeder terminal

⑩ 3-phase busbar

Assembly kit : ④ ... ⑦

④ Mechanical interlock

⑤ 4 Nos Connecting clips for contactors

⑥ Wiring modules on the top & bottom for connecting the main and the control path

⑦ Star Jumper

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 2	Installation Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2923-2BB1*	2090.-	1 Unit
8	3RT20 2	Function module	■ 3RA2816-0EW20	13155.-	1 Unit
9	3RT20 2	3-phase feeder terminal (for Screw type contactors only)	■ 3RV2925-5AB	2175.-	1 Unit
10	3RT20 2	3-phase busbar (for Screw type contactors only)	■ 3RV1915-1AB	1845.-	1 Unit

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'

4...7

8

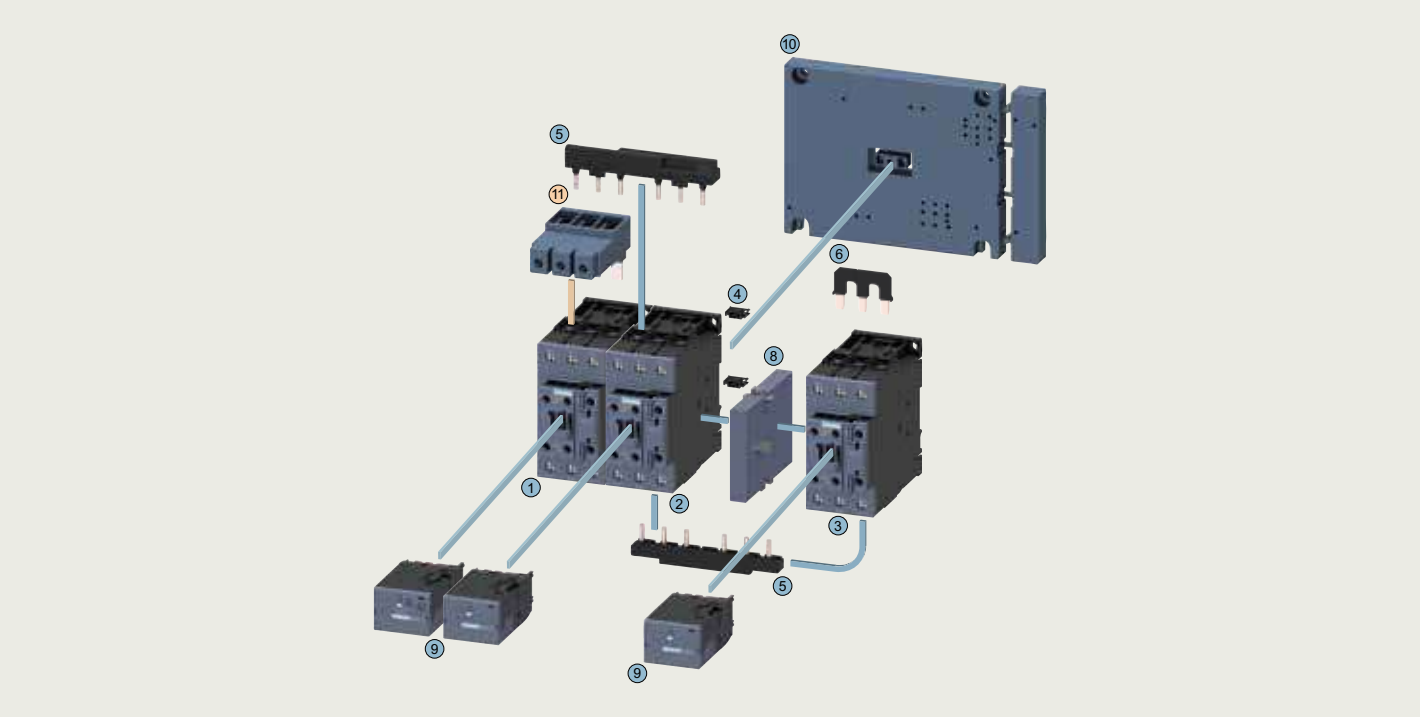
9

10

■ **Stock items**

Accessories for 3RT2 Contactors

S2-S2-S0/S2 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S2-S2-S2

Individual Components

① ② ③ Contactors

④ ... ⑦ Assembly kit comprising:
S2-S2-S2: 3RA2933-2BB1
S2-S2-S0: 3RA2933-2C

④ Connectors for three contactors

⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits

⑥ Star jumper

⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)

⑧ Mechanical interlock

⑨ Function modules for star-delta (wye-delta)

⑩ Base plate star-delta

⑪ 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2932-2F	2710.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	715.-	1 Unit
4...7	Assembly Kit: S2-S2-S2	3RA2933-2BB1	3165.-	1 Unit
	Assembly Kit: S2-S2-S0	3RA2933-2C	2325.-	1 Unit
9	Functional Module	3RA2816-0EW20	13155.-	1 Unit

10

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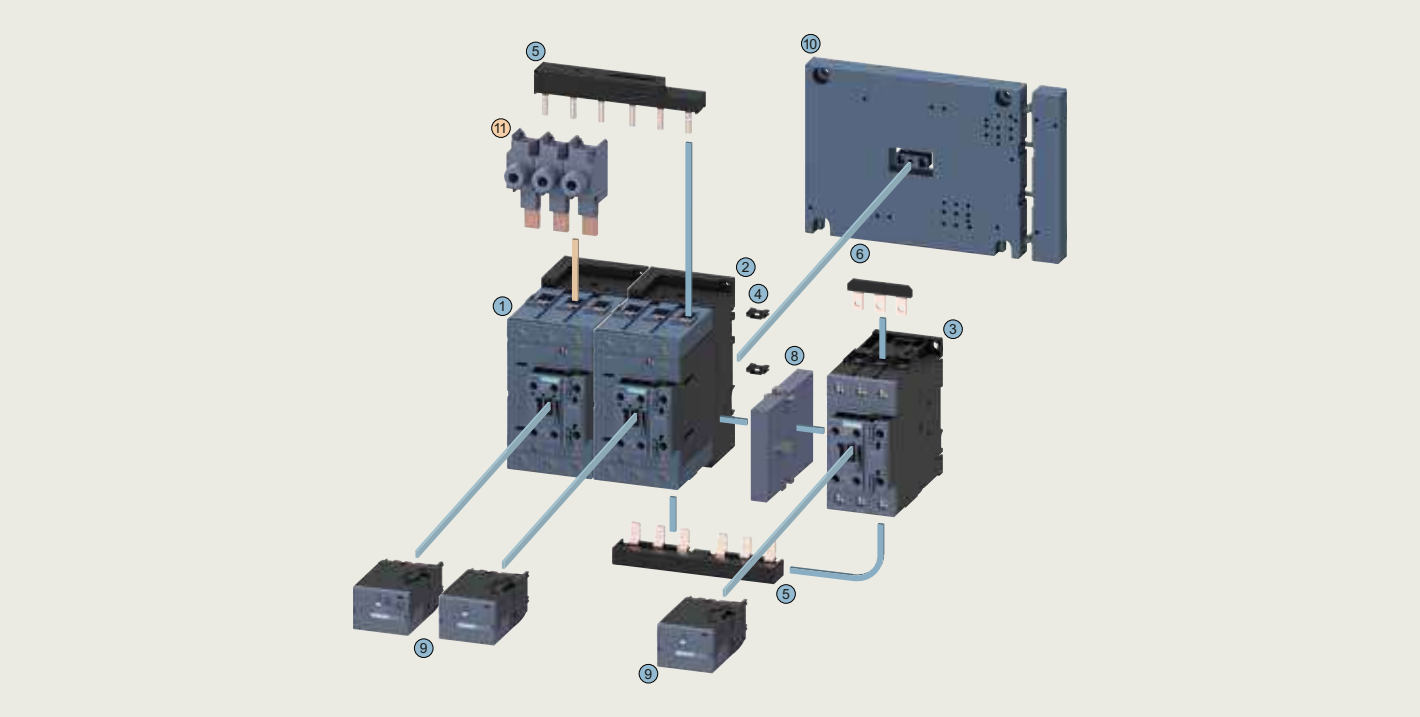
4...7

9

Accessories for 3RT2 Contactors

S3-S3-S2/S3 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S3-S3-S2

Individual Components

① ② ③ Contactors

④ ... ⑦ Assembly kit comprising:
S3-S3-S3: 3RA2943-2BB
S3-S3-S2: 3RA2943-2C

④ Connectors for three contactors

⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits

⑥ Star jumper

⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)

⑧ Mechanical interlock

⑨ Function modules for star-delta (wye-delta)

⑩ Base plate star-delta

⑪ 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2942-2F	3790.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	715.-	1 Unit
4...7	Assembly Kit: S3-S3-S3	3RA2943-2BB1	2915.-	1 Unit
	Assembly Kit: S3-S3-S2	3RA2943-2C	3230.-	1 Unit
9	Functional Module	3RA2816-0EW20	13155.-	1 Unit

10

8

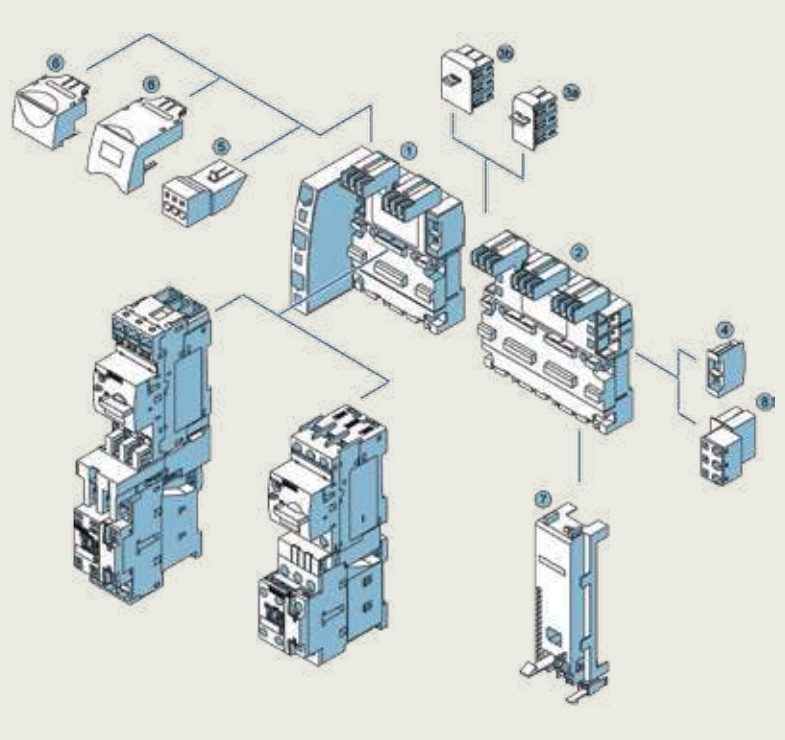
4...7

9

■ **Stock items**

3RV29 Infeed system

The 3RV29 infeed system is a convenient means of energy supply and distribution for a group of several motor starter protectors or complete load feeders with a screw or spring-type connection in sizes S00 and S0.



Individual Components

① 3-phase busbar with infeed
② 3-phase busbar for system expansion
③a Expansion plug
③b Extra-wide expansion plug
④ End cover
⑤ Terminal block for device infeed
⑥ Plug-in connector
⑦ Contactor base
⑧ Terminal block

- Maximum current carrying capacity of 63 A
- Enables the integration of MPCB's, 1-phase, 2-phase and 3-phase components such as 5SY miniature circuit breakers or SIRIUS relay components.
- Approved in accordance with IEC to 500 V.
- UL-approved and authorized for Type E starter and Type F starter.

Legend	Type of accessory	Version	For 3RV20, 3RV23, 3RV24 MPCB only	Type	Unit LP ₹	Std. pkg. (nos.)
①*	Three-phase busbars with infeed (incl. 3RV2917-6A end cover)	For 2 motor starter protectors with screw or spring-type terminals With infeed on the left	S00, S0	3RV2917-1A	2845.-	1
		For 2 motor starter protectors with screw or spring-type terminals With infeed on the Right	S00, S0	3RV2917-1E	2845.-	1
②+	Three-phase busbars for system expansion (incl. 3RV2917-5BA00 expansion plug)	For 2 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4A	1710.-	1
		For 3 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4B	2290.-	1
③+	Expansion Plug (as spare part)			3RV2917-5BA00	580.-	1
	Extra-wide expansion plugs (as accessory)			3RV2917-5E	1285.-	1
④+	End covers (as spare part)			3RV2917-6A	75.-	10
⑤+	Terminal blocks	for device infeed		3RV2917-5FA00	1955.-	1
⑥*	Plug-in connectors to make contact with motor starter protectors	For spring-type terminals	S00	3RV2917-5AA00	500.-	1
			S0	3RV2927-5AA00	500.-	1
		For Screw-type terminals	S00	3RV2917-5CA00	500.-	1
			S0	3RV1927-5AA00	600.-	1
⑦^	Contactor bases for mounting direct-on-line or reversing starters	For contactors	contactors S00, S0	3RV2927-7AA00	420.-	1
⑧+	Terminal blocks	for integration of single-phase, two-phase and three-phase components		3RV2917-5D	2055.-	1

* Required + Optional ^ Required for Reversing DOL

LP - List Price

Reversing Contactor Assemblies - 3RA23

S00-S00

S0-S0

S2-S2

S3-S3

Screw terminals

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil				DC Coil			
			Rated control supply voltage U_s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	230	3RA2315-8XB30-1AP0	7860.-	1	24	3RA2315-8XB30-1BB4	10420.-	1
	9	4	230	3RA2316-8XB30-1AP0	8285.-	1	24	3RA2316-8XB30-1BB4	11270.-	1
	12	5.5	230	3RA2317-8XB30-1AP0	8665.-	1	24	3RA2317-8XB30-1BB4	12600.-	1
	16	7.5	230	3RA2318-8XB30-1AP0	10265.-	1	24	3RA2318-8XB30-1BB4	13550.-	1
S0	12	5.5	230	3RA2324-8XB30-1AL2	10260.-	1	24	3RA2324-8XB30-1BB4	12620.-	1
	17	7.5	230	3RA2325-8XB30-1AL2	10490.-	1	24	3RA2325-8XB30-1BB4	14475.-	1
	25	11	230	3RA2326-8XB30-1AL2	12655.-	1	24	3RA2326-8XB30-1BB4	19190.-	1
	32	15	230	3RA2327-8XB30-1AL2	23205.-	1	24	3RA2327-8XB30-1BB4	37580.-	1
	38	18.5	230	3RA2328-8XB30-1AL2	32555.-	1	24	3RA2328-8XB30-1BB4	42495.-	1
S2	50	22	230	3RA2336-8XB30-1AL2	36705.-	1	20...33	3RA2336-8XB30-1NB3€	56470.-	1
	65	30	230	3RA2337-8XB30-1AL2	49165.-	1	20...33	3RA2337-8XB30-1NB3€	63110.-	1
	80	37	230	3RA2338-8XB30-1AL2	61775.-	1	20...33	3RA2338-8XB30-1NB3€	74805.-	1
S3	95	45	230	3RA2346-8XB30-1AL2	77205.-	1	20...33	3RA2346-8XB30-1NB3€	86815.-	1
	110	55	230	3RA2347-8XB30-1AL2	88745.-	1	20...33	3RA2347-8XB30-1NB3€	95510.-	1

Star Delta Contactor Assemblies - 3RA24

S00-S00-S00

S0-S0-S0

S2-S2-S2

S3-S3-S2

Screw terminals

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil$				DC Coil@			
			Rated control supply voltage U_s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00-S00-S00	12	5.5	230	3RA2415-8XF31-1AP0	17640.-	1	24	3RA2415-8XF31-1BB4	20700.-	1
	17	7.5	230	3RA2416-8XF31-1AP0	18575.-	1	24	3RA2416-8XF31-1BB4	22535.-	1
	25	11	230	3RA2417-8XF31-1AP0	19465.-	1	24	3RA2417-8XF31-1BB4	24075.-	1
S0-S0-S0	25	11	230	3RA2423-8XF32-1AL2	21790.-	1	24	3RA2423-8XF32-1BB4	26840.-	1
	32/40	15/18.5	230	3RA2425-8XF32-1AL2	25060.-	1	24	3RA2425-8XF32-1BB4	80305.-	1
	50	22	230	3RA2426-8XF32-1AL2	36315.-	1	24	3RA2426-8XF32-1BB4	53785.-	1
S2-S2-S0	50/65	22/30	230	3RA2434-8XF32-1AL2	49040.-	1	20...33	3RA2434-8XF32-1NB3€	73650.-	1
	80	37	230	3RA2435-8XF32-1AL2	51175.-	1	20...33	3RA2435-8XF32-1NB3€	84025.-	1
	86	45	230	3RA2436-8XF32-1AL2	61535.-	1	20...33	3RA2436-8XF32-1NB3€	90530.-	1
S2-S2-S2	115	55	230	3RA2437-8XF32-1AL2	75005.-	1	20...33	3RA2437-8XF32-1NB3€	97720.-	1
S3-S3-S2	150	75	230	3RA2445-8XF32-1AL2	82150.-	1	20...33	3RA2445-8XF32-1NB3€	107495.-	1
	160	90	230	3RA2446-8XF32-1AL2	110075.-	1	20...33	3RA2446-8XF32-1NB3€	128995.-	1

* For ordering above assembly with Spring type terminals, please replace 13th digit from "1 to 2" for S00, S0

€ - Universal operation AC / DC

Above assemblies are also available as "ready to assemble kit" please refer page no. 23-30

Please contact nearest sales office for other coil voltages and with communication interface

Genuine Siemens spares

Buy from our authorised channel partner

Spares coils

Magnetic coils for 3RT2 (S0, S2, S3)

Size	AC Coil					Universal Coil (AC/DC)				
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type	Unit LP ₹	Std. pkg. (nos.)	Contactor type	Rated control supply voltage U_s V DC	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT20 23 3RT20 24 3RT20 25	24V	3RT2924-5AC21	950.-	1					
		110V	3RT2924-5AG21		1					
		230V	3RT2924-5AL21		1					
		400V, 50Hz	3RT2924-5AV01		1					
	3RT20 26 3RT20 27 3RT20 28 3RT23 25 3RT23 26 3RT25 26	24V	3RT2926-5AC21		1					
		110V	3RT2926-5AG21		1					
		230V	3RT2926-5AL21		1					
		400V, 50Hz	3RT2926-5AV01		1					
S2	3RT20 3 3RT23 3 3RT25 3	24V	3RT2934-5AC21	4270.-	1	3RT20 3 3RT23 3 3RT25 3	20 ... 33	3RT2934-5NB31	5400.-	1
		110V	3RT2934-5AG21		1		83 ... 155	3RT2934-5NF31		1
		230V	3RT2934-5AL21		1		175 ... 280	3RT2934-5NP31		1
S3	3RT20 4 3RT23 4 3RT25 4 3RT24 4	24V	3RT2944-5AB01	4475.-	1	3RT20 4 3RT23 4 3RT25 4 3RT24 4	20 ... 33	3RT2944-5NB31	6080.-	1
		110V	3RT2944-5AF01		1		83 ... 155	3RT2944-5NF31		1
		230V	3RT2944-5AP01		1		175 ... 280	3RT2944-5NP31		1

For 24 V DC PLC output/PLC relay output, with remaining lifetime indicator (RLT) [Withdrawable coil with lateral solid-state module]

Size	AC Coil				
	Contactor type	Rated control supply voltage U_s at 40 to 60Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 5 3RT14 5	96...127V AC/DC	3RT1955-5PF31	28905.-	1
		200...277V AC/DC	3RT1955-5PP31	28905.-	1
S10	3RT10 6 3RT14 6	96...127V AC/DC	3RT1965-5PF31	36365.-	1
		200...277V AC/DC	3RT1965-5PP31	36365.-	1
S12	3RT10 7 3RT14 7	96...127V AC/DC	3RT1975-5PF31	48505.-	1
		200...277V AC/DC	3RT1975-5PP31	48505.-	1

Arc Chambers for 3RT10 / 3RT14

Size	Contactor type	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 54	Arc chutes 3-pole	3RT1954-7A	4495.-	1
	3RT10 55		3RT1955-7A	5085.-	1
	3RT10 56		3RT1956-7A	5610.-	1
S10	3RT10 64		3RT1964-7A	5750.-	1
	3RT10 65		3RT1965-7A	6200.-	1
	3RT10 66		3RT1966-7A	6400.-	1
S12	3RT10 75		3RT1975-7A	7205.-	1
	3RT10 76		3RT1976-7A	7420.-	1
S6	3RT14 56 [1)]		3RT1956-7B	7450.-	1
S10	3RT14 66 [1)]		3RT1966-7B	8695.-	1
S12	3RT14 76 [1)]		3RT1976-7B	10285.-	1

1) For 3RT14 AC-1 duty power contactors

Adaptor plates

Description (Adaptor plates for using in place of 3TF/3TR contactors)	Type	Unit LP ₹	MOQ
3RT10/3RT20 15/16/17 replacing 3TF/3TR 30/31	3TX80120A	185.-	5
3RT10/3RT20 25/26 replacing 3TF/3TR 32/33	3TX80250A	280.-	5
3RT10 34/35 replacing 3TF/3TR 34/35	3TX80400A	380.-	5
3RT10 36 replacing 3TF/3TR 46	3TX80500A	450.-	5
3RT10 44/45 replacing 3TF/3TR 47 / 3TF 477	3TX80800A	910.-	1
3RT10 45/46 replacing 3TF/3TR 48/49	3TX80950A	925.-	1
3RT10 56 replacing 3TF/3TR 52	3TX81850A	1620.-	1
3RT10 64 replacing 3TF/3TR 53	3TX82250A	1725.-	1

To replace existing contactor of any other brand please contact nearest sales office.

LP - List Price

Contacts with fixing parts

For 3RT20 & 3RT10, 3 pole power contactors
1 set = 3 moving and 6 fixed switching contacts with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT20 36	**3RT2936-6A**	**5370.-**	**1**
	3RT20 37	**3RT2937-6A**	**7145.-**	**1**
	3RT20 38	**3RT2938-6A**	**9540.-**	**1**
S3	3RT20 46	**3RT2946-6A**	**9675.-**	**1**
	3RT20 47	**3RT2947-6A**	**13090.-**	**1**
S6	3RT10 54	**3RT1954-6A**	**14830.-**	**1**
	3RT10 55	**3RT1955-6A**	**18610.-**	**1**
	3RT10 56	**3RT1956-6A**	**23700.-**	**1**
S10	3RT10 64	**3RT1964-6A**	**26860.-**	**1**
	3RT10 65	**3RT1965-6A**	**30005.-**	**1**
	3RT10 66	**3RT1966-6A**	**35395.-**	**1**
S12	3RT10 75	**3RT1975-6A**	**46735.-**	**1**
	3RT10 76	**3RT1976-6A**	**60020.-**	**1**

For 3RT24/14 AC-1 duty power contactors
1 set = 3 movable and 6 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT24 46	**3RT2946-6D**	**22195.-**	**1**
S6	3RT14 56	**3RT1956-6D**	**36015.-**	**1**
S10	3RT14 66	**3RT1966-6D**	**56080.-**	**1**
S12	3RT14 76	**3RT1976-6D**	**72005.-**	**1**

For 3RT23, 4 pole AC-1 duty contactors
1 set = 4 movable and 8 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT23 36	**3RT2936-6E**	**6585.-**	**1**
	3RT23 37	**3RT2937-6E**	**7585.-**	**1**

Spares for 3RT12 Vacuum Contactors

For contactor		Type	Unit LP ₹	Std. pkg. (nos.)
Spare coils				
3RT126	[4]	**3RT1966-5A..1**	**14705.-**	**1**
3RT127	23 ... 26 380 ... 420 110 ... 127 220 ... 240	**3RT1975-5AB31** **3RT1975-5AV31** **3RT1975-5AF318K** **3RT1975-5AP318K**	**17840.-**	**1**
Solid state operating mechanism				
3RT126	96 ... 127V AC/DC 200 ... 277V AC/DC	**3RT1966-5NF31** **3RT1966-5NP31**	**18970.-**	**1** **1**
3RT127	200 ... 277V AC/DC	**3RT1975-5NP31**	**25260.-**	**1**
Spare vacuum bottles (set of 3)				
3RT1264 3RT1265 3RT1266		**3RT1964-6V** **3RT1965-6V** **3RT1966-6V**	**95185.-** **109915.-** **134090.-**	**1** **1** **1**
3RT1275 3RT1276		**3RT1975-6V** **3RT1976-6V**	**162040.-** **195030.-**	**1** **1**

[4] Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420

Contactor Relays - SICONT Plus 3TH3

Contactor size	Rated current (A) Ie AC15 at 230V	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
		Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	10	4NO $	■ 3TH3040-0A..	2060.-	1	4NO $	3TH3040-0B..	2925.-	1
		3NO + 1NC $	■ 3TH3031-0A..		1	3NO + 1NC $	■ 3TH3031-0B..		1
		2NO + 2NC $	■ 3TH3022-0A..		1	2NO + 2NC $	■ 3TH3022-0B..		1

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	9	4	1NO $	■ 3TF3010-0A..	1800.-	1	1NO $	■ 3TF3010-0B..	3300.-	1
			1NC $	■ 3TF3001-0A..	1800.-		1NC $	■ 3TF3001-0B..	3300.-	
	12	5.5	1NO $	■ 3TF3110-0A..	2040.-	1	1NO $	■ 3TF3110-0B..	3500.-	1
			1NC $	■ 3TF3101-0A..	2040.-		1NC $	■ 3TF3101-0B..	3500.-	
1	16	7.5	–$	■ 3TF3200-0A..	2145.-	1	–$	■ 3TF3200-0B..	4060.-	1
	22	11	–$	■ 3TF3300-0A..	2910.-	1	–$	■ 3TF3300-0B..	5480.-	1
2	32	15	–$	■ 3TF3400-0A..	6570.-	1	–$	■ 3TF3400-0B..	12700.-	1
	38	18.5	–$	■ 3TF3500-0A..	9525.-	1	–$	■ 3TF3500-0B..	15050.-	1
	40	18.5	–$	■ 3TF3500-0A..ZT00^	9670.-	1	–$	■ 3TF3500-0B..ZT00^	15190.-	1

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
3	45	22	2NO + 2NC $	■ 3TF4602-0A..ZA01@	13150.-	1
	63	30	2NO + 2NC $	■ 3TF4702-0A..ZA01@	19015.-	1
	65	30	2NO + 2NC $	■ 3TF4702-0A..ZT00^	19135.-	1
	70	37	2NO + 2NC $	■ 3TF4772-0A..	20365.-	1
4	75	42	2NO + 2NC $	■ 3TF4822-0A..ZA01@	23935.-	1
	85	45	2NO + 2NC $	■ 3TF4922-0A..ZA01@	29830.-	1
6	110	55	2NO + 2NC $	■ 3TF5002-0A..	35695.-	1
	140	75	2NO + 2NC $	■ 3TF5102-0A..	47080.-	1
8	170	90	2NO + 2NC $	■ 3TF5202-0A..	58820.-	1
	205	110	2NO + 2NC $	■ 3TF5302-0A..	63225.-	1
10	250	132	2NO + 2NC $	■ 3TF5402-0A..	77670.-	1
	300	160	2NO + 2NC $	■ 3TF5502-0A..	96150.-	1
12	400	200	2NO + 2NC $	■ 3TF5602-0A..	112755.-	1

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF30 to 35 & 3TH30	1NO	■ 3TX4010-2A	280.-	10
	1NC	■ 3TX4001-2A	280.-	10
	1NO (Extd)	■ 3TX4010-4A	430.-	10
	1NC (Extd)	■ 3TX4001-4A	430.-	10
3TF46 to 3TF56	Second 1NO+1NC Left	■ 3TY7561-1KA008K	1275.-	1
	Second 1NO+1NC Right			

@ **For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 645.- each.**

$ For more aux. contacts, pl. see table above.

^ B0, F0, P0 and B4 coil voltage only available

Note: DC Coil - 3TF4/5 has been dicontinued. 3RT Contactors (Page No. 6-7) recommended

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	refer page no. 10	1	3NO + 3NC	3TF6833-1D..[1)]	refer page no. 10	1
	820	450	4NO + 4NC	3TF6944-0C..		1	3NO + 3NC	3TF6933-1D..[1)]		1

1) LP includes control contactor

AC 50Hz coil code: 3TF30 to 3TF56, 3TH3

Coil voltage (V)	24	■ 110	■ 230	■ 415
Code	B0	F0	P0	R0

Wide band AC 50 Hz coil code: 3TF30 to 3TF35

Coil voltage (V)	70-140	150-280	260-460
Code	W110	W220	W415

AC 50/60 Hz coil code: 3TF68/69

Coil voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

DC coil code: 3TF30 to 3TF35, 3TF68/69, 3TH3

Coil voltage (V)	■ 24	110	220
Code	B4	F4	M4

Extra LP per unit for non-std coils B0 / M0# / U0# (AC), DC and wide band

for 3TH, 3TF30 to 33	350.-	for 3TF34 to 49	415.-	for 3TF50 to 56	1080.-
Wide band coil for 3TH, 3TF30 to 33	350.-	Wide band coil for 3TF34/35	415.-		

For any non-standard coil or contactor with non standard coil, minimum order quantity should be 100 nos. or minimum order value of ₹1,00,000/- per item.

For non-standard coil voltages not mentioned above, pl. check with Siemens.

M0: 220V AC, U0: 240V AC

■ **Stock items**

Please order in multiples of standard packing.

LP - List Price

2 Pole DC Contactors - 3TC

For DC loads
with AC coil, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type[2)]	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0B..	29390.-	1
4	75	3TC4817-0B..	146305.-	1
8	220	3TC5217-0B..	246305.-	1
12	400	3TC5617-0B..	420615.-	1

[2)] AC coil voltage - Please enter coil codes from table below

Code	F0	U0
Coil voltage (V) (50Hz)	110	240

with DC coil, 2NO + 2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type[3)]	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0A..	40560.-	1
4	75	3TC4817-0A..	176220.-	1
8	220	3TC5217-0A..	302790.-	1
12	400	3TC5617-0A..	558925.-	1

[3)] DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage (V)	24	110	220

Accessories for SICOP / SICONT Plus

Interlocking kit for two 3TF contactors
(inclusive of base plate and interlocking mechanism)

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TF30-35	■ 3TX4091-1A#	880.-	10
3TF46/47/47-7	■ 3TX7466-1YA0	3115.-	2
3TF48/49	■ 3TX7486-1YA0	5075.-	2
3TF50/51	■ 3TX7506-1YA0	5700.-	2
3TF52/53	■ 3TX7526-1YA0	6525.-	2
3TF54/55	■ 3TX7546-1YA0	7855.-	2
3TF56/57	■ 3TX7566-1YA0	8390.-	2
3TF50/52	3TX7526-1YA09	6525.-	2
3TF52/54	■ 3TX7546-1YA09	7855.-	2

Note: Higher rating upon enquiry # W/o base plate (not required)

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
Surge suppressor (varistor) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	■ 3TX7402-3GY1	795.-	10
48 - 127V	70 - 150V	■ 3TX7402-3HY1	795.-	10
127 - 240V	150 - 250V	■ 3TX7402-3JY1	795.-	10
240 - 400V	—	3TX7402-3KY1	1020.-	10
400 - 600V	—	3TX7402-3LY1	1020.-	10
Surge suppressor (RC unit) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	3TX7402-3RY2	1270.-	10
48 - 127V	70 - 150V	3TX7402-3SY2	1270.-	10
127 - 240V	150 - 250V	3TX7402-3TY2	1270.-	10
240 - 400V	—	3TX7402-3UY2	1270.-	10
400 - 600V	—	3TX7402-3VY2	1270.-	10
Surge suppressor (varistor) for 3TF46-56				
Less than 48V	24 - 70V	■ 3TX7462-3GY1	1090.-	10
48 - 127V	70 - 150V	■ 3TX7462-3HY1	1090.-	10
127 - 240V	150 - 250V	■ 3TX7462-3JY1	1090.-	10
240 - 400V	—	3TX7462-3KY1	1155.-	10
400 - 600V	—	3TX7462-3LY1	1155.-	10

Spares for SICOP and SICONT^{Plus} Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type	LP per set ₹	Std. pkg. (nos.)
3TF32/42 (16A)	■ 3TY7420-0A	1210.-	1
3TF33/43 (22A)	■ 3TY7430-0A	1690.-	1
3TF34 (32A)	■ 3TY7340-0C	3245.-	1
3TF35 (38A)	■ 3TY7350-0C	4945.-	1
3TF44 (32A)	■ 3TY7440-0A	3590.-	1
3TF45 (38A)	■ 3TY7450-0A	4945.-	1
3TF46 (45A)	■ 3TY7460-0YA	5310.-	1
3TF47 (63A)	■ 3TY7470-0YA	7735.-	1
3TF477 (70A)	■ 3TY7477-0YA	8970.-	1
3TF48 (75A)	■ 3TY7480-0A	10315.-	1
3TF49 (85A)	■ 3TY7490-0A	13820.-	1
3TF50 (110A)	■ 3TY7500-0YA	15075.-	1
3TF51 (140A)	■ 3TY7510-0YA	18965.-	1
3TF52 (170A)	■ 3TY7520-0YA	23830.-	1
3TF53 (205A)	■ 3TY7530-0YA	25425.-	1
3TF54 (250A)	■ 3TY7540-0YA	30575.-	1
3TF55 (300A)	■ 3TY7550-0YA	35950.-	1
3TF56 (400A)	■ 3TY7560-0YA	47570.-	1
3TF68 (630A)	3TY7680-0B$	322170.-	1
3TF69 (820A)	3TY7690-0B$	517640.-	1

$ Set of 3x vacuum bottles.

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF46-56	1NO + 1NC (Extd) Right	3TY7561-1E	1640.-	1
3TF46 to 3TF56	Built-in, 1NO+1NC Left / Right	3TY7561-1AA00-8K	1275.-	1
	Add-on, Second 1NO+1NC Left / Right	3TY7561-1KA00-8K	1275.-	1

DC coils

For contactor	Type†	Unit LP ₹	Std.pkg. (nos.)
		For 24/110/ 220V	
3TH3, 3TF30-33/42/43	■ 3TY4803-0B..	1480.-	1
3TF34/35	3TY7443-0B..	2215.-	1
3TF68	3TY7683-0D..	LP on request	1

† Pl. add coil voltage code from table on page no. 35.

24V, 110V, 220V are stock items only for 3TH3/3TF30/31/32/33

SICOP arc chambers

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
3TF34	3TY7342-0C	875.-	1
3TF35	3TY7352-0C	925.-	1
3TF46	3TY7462-0YA	1815.-	1
3TF47	3TY7472-0YA	2215.-	1
3TF477	3TY7477-0YD	2670.-	1
3TF48	3TY7482-0A	3220.-	1
3TF49	3TY7492-0A	3715.-	1
3TF50	3TY7502-0YA	4410.-	1
3TF51	3TY7512-0YA	5025.-	1
3TF52	3TY7522-0YA	5515.-	1
3TF53	3TY7532-0YA	5685.-	1
3TF54	3TY7542-0YA	6125.-	1
3TF55	3TY7552-0YA	6310.-	1
3TF56	3TY7562-0YA	7115.-	1

AC coils (50 Hz)

For contactor	Type†	Unit LP ₹		Std. pkg. (nos.)
		For 110/230/ 415V 50Hz	For all other coil voltages	
3TH3, 3TF30-33/42/43	■ 3TY7403-0A..	1085.-	1235.-	1
3TF34/35/44/45	■ 3TY7443-0A..	1340.-	1735.-	1
3TF46/47/477	■ 3TY7463-0A..	2325.-	2705.-	1
3TF48/49	■ 3TY7483-0A..	4245.-	4645.-	1
3TF50/51	■ 3TY7503-0A..	4320.-	5375.-	1
3TF52/53	■ 3TY7523-0A..	5475.-	6520.-	1
3TF54/55	■ 3TY7543-0A..	6620.-	7675.-	1
3TF56	■ 3TY7563-0A..	9620.-	11720.-	1
3TF68	3TY7683-0C..	72760.-	NA	1
3TF69	3TY7693-0C..	LP on request	NA	1

† Pl. add coil voltage code from table on page no. 35.

110V, 230V, 415V are stock items for 3TH, 3TF30-56

24V is stock item only for 3TH30/3TF30/31/32/33

** Available till stock last

■ **Stock items**

LP - List Price

Connector

The 3TS90 **connector** is used to mount the motor protection circuit breaker 3VS on the contactor 3TF with screw terminals. It enables mechanical and electrical connection between contactor and motor starter protection circuit breaker.

Range:

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current Rating	Type	AC3 Current Rating			
3VS13	0.16 to 20A	**3TF30/31**	9 / 12 A	**3TS9001-8K**	**465.-**	**1**
3VS13	6 to 25A	**3TF32/33**	16 / 22A	**3TS9002-8K**	**555.-**	**1**

Benefits:

1) Direct mounting of 3VS MPCB on 3TF
2) Secure poor connections
3) Reduced feeder size and assemble time

Spares for 3TC Contactors

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Set of main contacts	3TC44	**3TY2440-0A**	**10560.-**	**1**
	3TC48	**3TY2480-0A**	**25850.-**	**1**
	3TC52	**3TY2520-0A**	**73305.-**	**1**
	3TC56	**3TY2560-0A**	**145380.-**	**1**
AC coils[1] (50 Hz)	3TC44	**3TY7403-0A..**	**1085.-**	**1**
	3TC52	**3TY6523-0A..**	**18595.-**	**1**
DC coils[2]	3TC44	**3TY6443-0B..**	**19050.-**	**1**
	3TC48	**3TY6483-0B..**	**32490.-**	**1**
	3TC52	**3TY6523-0B..**	**80340.-**	**1**
	3TC56	**3TY6563-0B..**	**111575.-**	**1**
Arc chambers	3TC44	**3TY2442-0A**	**10345.-**	**1**
	3TC48	**3TY2482-0A**	**18770.-**	**1**
	3TC52	**3TY2522-0A**	**29215.-**	**1**
	3TC56	**3TY2562-0A**	**59055.-**	**1**
Auxiliary contacts 1st 1NO + 1NC Left/Right 2nd 1NO + 1NC Left	3TC44/48	**3TY6501-1AA00**	**4705.-**	**1**
	3TC48	**3TY6501-1K**		**1**
2nd 1NO + 1NC Right	3TC48	**3TY6501-1L**		**1**

[1] AC coil voltage - Please enter coil codes from table below

Code	B0	F0	U0	R0
Coil voltage (50 Hz)	24	110	240	415[$]

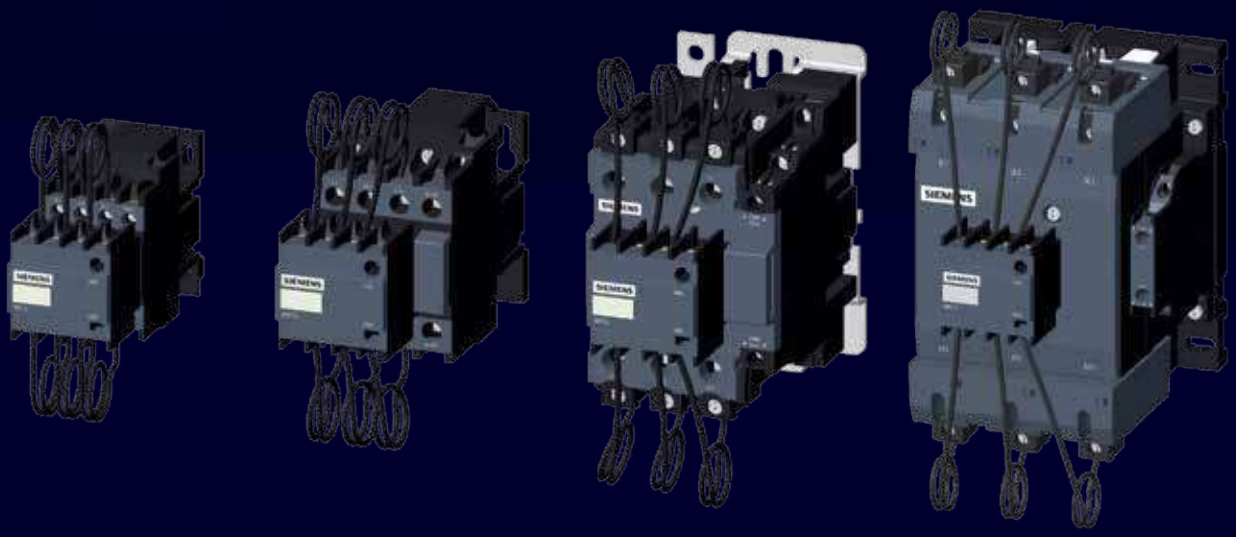
$ Only for 3TC 44

[2] DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage	24	110	220

■ **Stock items**

Please order in multiples of standard packing.



SINOVA 3MT7

Capacitor Duty Contactors

Reliable Switching

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SIEMENS

3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.

Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

@ Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	12775.-	1
4	145	3TS5022-0A..1-8K	22255.-	1
6	200	3TS5122-0A..1-8K	29970.-	1
6	225	3TS5222-0A..1-8K	34765.-	1
8	275	3TS5322-0A..1-8K	49395.-	1
8	325	3TS5422-0A..1-8K	55840.-	1
10	400	3TS5522-0A..1-8K	63175.-	1
12	525	3TS5622-0A..1-8K	86485.-	1

*** for 3TS48-3TF56**

	AC Coil (50Hz)	
Code	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors

Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability (ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting

Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type#	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	1130.-	1
12	1NO	3TS3110-0A..2-8K	1255.-	1
18	1NO	3TS3210-0A..2-8K	1455.-	1
25	-	3TS3300-0A..2-8K	1805.-	1
32	-	3TS3400-0A..2-8K	3970.-	1
40	-	3TS3500-0A..2-8K	5670.-	1
50	-	3TS3600-0A..2-8K	7210.-	1
65	2NO+2NC	3TS4722-0A..2-8K	10835.-	1
75	2NO+2NC	3TS4822-0A..2-8K	12775.-	1
85	2NO+2NC	3TS4922-0A..2-8K	14875.-	1
105	2NO+2NC	3TS5022-0A..2-8K	19585.-	1
140	2NO+2NC	3TS5122-0A..2-8K	23805.-	1
160	2NO+2NC	3TS5222-0A..2-8K	32375.-	1
205	2NO+2NC	3TS5322-0A..2-8K	35670.-	1
250	2NO+2NC	3TS5422-0A..2-8K	40955.-	1
300	2NO+2NC	3TS5522-0A..2-8K	51680.-	1
400	2NO+2NC	3TS5622-0A..2-8K	66840.-	1

#Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	6180.-	1
3TS50		3TS9150-01-8K	11025.-	1
3TS51		3TS9151-01-8K	14995.-	1
3TS52		3TS9152-01-8K	16770.-	1
3TS53		3TS9153-01-8K	23805.-	1
3TS54		3TS9154-01-8K	26460.-	1
3TS55		3TS9155-01-8K	29105.-	1
3TS56		3TS9156-01-8K	38815.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	2325.-
3TS50	3TY7483-0A..	4245.-
3TS51/52	3TY7503-0A..	4320.-
3TS53/54	3TY7523-0A..	5475.-
3TS55	3TY7543-0A..	6620.-
3TS56	3TY7563-0A..	9620.-

SIEMENS

3TS 4 Pole Contactors
for Power Applications

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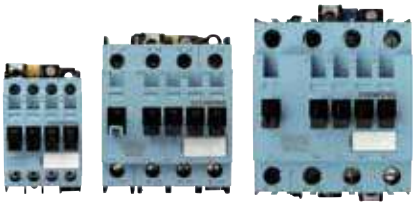


Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil[1)]	Unit LP ₹		DC Coil[1)]	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	1815.-		3TS3100-0B..4-8K	3585.-	
Size 0	25A	3TS3200-0A..4-8K	1915.-		3TS3200-0B..4-8K	4065.-	
Size 1	35A	3TS3300-0A..4-8K	2155.-		3TS3300-0B..4-8K	4635.-	
Size 1	40A	3TS3400-0A..4-8K	2840.-		3TS3400-0B..4-8K	6855.-	
Size 2	45A	3TS3500-0A..4-8K	3325.-	4080.-	3TS3500-0B..4-8K		7890.-
Size 2	50A	3TS3600-0A..4-8K	3690.-	4480.-	3TS3600-0B..4-8K		10005.-
Size 2	65A	3TS3700-0A..4-8K	7245.-	8055.-	3TS3700-0B..4-8K		14075.-
Size 2	65A*	3TS3700-0A..4-8KA0	8180.-	8980.-	3TS3700-0B..4-8KA0		16140.-

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size 0 & 1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52..55V DC

Size 2	Standard Coil			Electronic Coil			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52..55V DC

Accessories

Auxiliary Contact Block	Type	Unit LP ₹
1 NO	**3TX40 10-2A**	**280.-**
1 NC	**3TX40 01-2A**	**280.-**

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	**3TX4091-1A**	**880.-**
S2	**3TX4091-1A + 3TX4091-1G****	**880.-**
		230.-

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0 , Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	**3TX7402-3GY1**	**795.-**	**3TX7402-3RY2**	**1270.-**
		48 - 127V	70 - 150V	**3TX7402-3HY1**	**795.-**	**3TX7402-3SY2**	
		127 - 240V	150 - 250V	**3TX7402-3JY1**	**795.-**	**3TX7402-3TY2**	
		240 - 400V	–	**3TX7402-3KY1**	**1020.-**	**3TX7402-3UY2**	
Size 2	Electronic Coil	81-273V AC				**3TX7402-3PY2**	
			24-55V			**3TX7402-3QY2**	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	**3TS9133-0E**	**1475.-**
Size 1	40A	3TS3400	**3TS9134-0E**	**2085.-**
Size 2	45A	3TS3500	**3TS9135-0E**	**3170.-**
Size 2	50A	3TS3600	**3TS9136-0E**	**3735.-**
Size 2	65A	3TS3700	**3TS9137-0E**	**3740.-**
Size 2	65A*	3TS3700	**3TS9137-0A**	**5415.-**

* 50A AC-3 rating

Spare Coils

Contactor Size	Type[2)] AC	Unit LP ₹	Type[2)] DC	Unit LP ₹
Size 0	**3TS9231-0A..4-8K**	**1125.-**	**3TS9231-0B..4-8K**	**1540.-**
Size 1	**3TS9233-0A..4-8K**	**1210.-**	**3TS9233-0B..4-8K**	**1610.-**
Size 2	**3TS9235-0A..4-8K (Standard)**	**1340.-**		
Size 2	**3TS9235-0A..4-8K (Electronic)**	**1945.-**	**3TS9235-0B..4-8K (Electronic)**	**2305.-**

2) Please add voltage code from table in page no 42

3TS Single Pole LED Contactors

Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

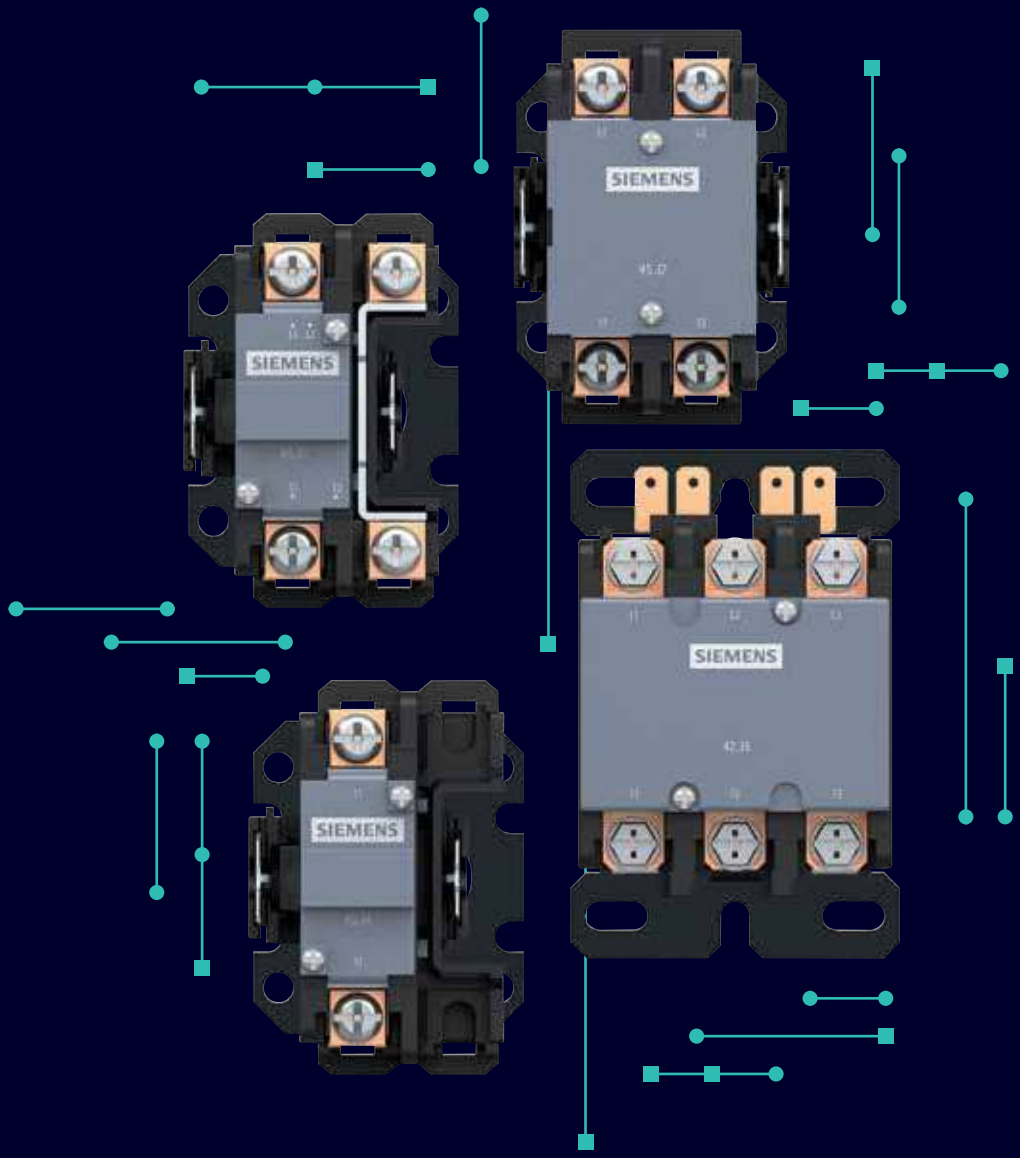
Available in

4000W - 3TS3210-0AM71-8K

8000W - 3TS3310-0AM71-8K

Price on request

Definite Purpose Contactors
45.J & 42.J



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Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	1235.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1275.-	1
	40A	45EJ10A_B	45EJ10A_C	1320.-	1
1Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1170.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1205.-	1
	40A	45EJ40A_B	45EJ40A_C	1250.-	1

Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	1480.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1495.-	1
	40A ■	45EJ20A_D	45EJ20A_E	1540.-	1

Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	1905.-	1
	25A	42CJ35A_D	42CJ35A_E	1935.-	1
	30A	42DJ35A_D	42DJ35A_E	1955.-	1
	40A ■	42EJ35A_D	42EJ35A_E	1995.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	2360.-	1
	25A	42CJ36A_D	42CJ36A_E	2385.-	1
	30A	42DJ36A_D	42DJ36A_E	2400.-	1
	40A ■	42EJ36A_D	42EJ36A_E	2450.-	1

Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	360.-	1
2 Pole contactor	75J29A_	435.-	1
3 Pole contactor	75J39A_	490.-	1

Please add coil code from table below

Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P

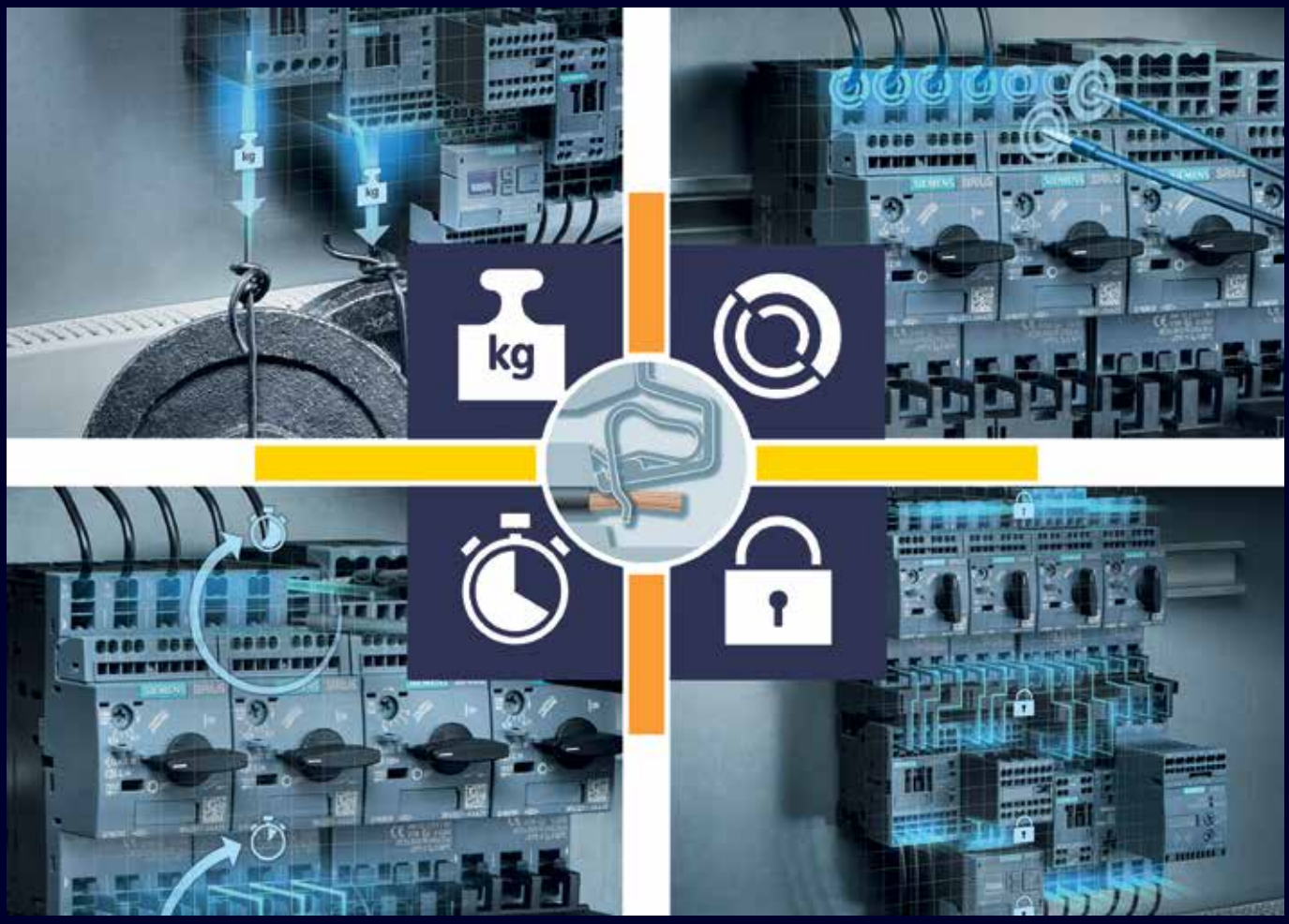
■ **Standard material**

Easy connecting & wiring

Switch to Spring Loaded Technology

Spring loaded connections are...

Strong **Flexible**



Fast **Safe**

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Thermal Overload Relays - 3RU

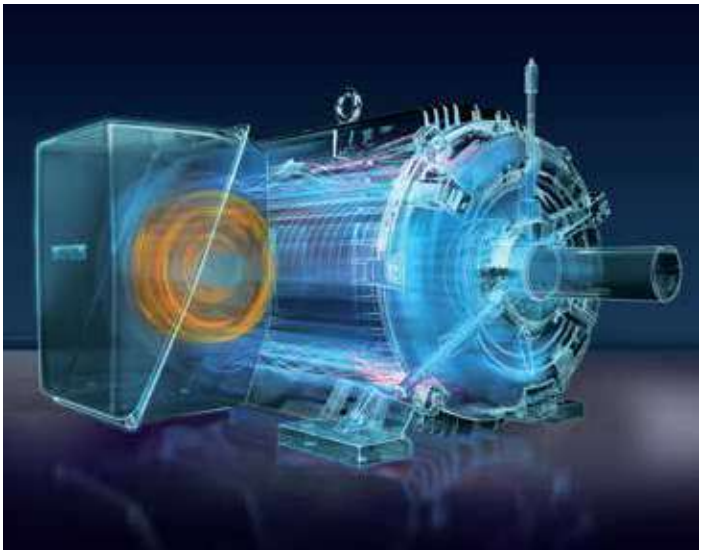
NEW

For contactor mounting - Class 10 - Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	0.11 ... 0.16	3RU2116-0AB00-8K	2940.-	1
	0.14 ... 0.2	3RU2116-0BB00-8K		
	0.18 ... 0.25	3RU2116-0CB00-8K		
	0.22 ... 0.32	3RU2116-0DB00-8K		
	0.28 ... 0.4	3RU2116-0EB00-8K		
	0.35 ... 0.5	3RU2116-0FB00-8K		
	0.45 ... 0.63	3RU2116-0GB00-8K	2975.-	
	0.55 ... 0.8	3RU2116-0HB00-8K		
	0.7 ... 1	3RU2116-0JB00-8K	3005.-	
	0.9 ... 1.25	3RU2116-0KB00-8K		
	1.1 ... 1.6	3RU2116-1AB00-8K		
	1.4 ... 2	3RU2116-1BB00-8K		
	1.8 ... 2.5	3RU2116-1CB00-8K		
	2.2 ... 3.2	3RU2116-1DB00-8K		
	2.8 ... 4	3RU2116-1EB00-8K		
	3.5 ... 5	3RU2116-1FB00-8K		
	4.5 ... 6.3	3RU2116-1GB00-8K		
	5.5 ... 8	3RU2116-1HB00-8K		
	7 ... 10	3RU2116-1JB00-8K	3225.-	
	9 ... 12.5	3RU2116-1KB00-8K		
	11 ... 16	3RU2116-4AB00-8K	3335.-	
S0	1.8 ... 2.5	3RU2126-1CB00-8K	3080.-	1
	2.2 ... 3.2	3RU2126-1DB00-8K		
	2.8 ... 4	3RU2126-1EB00-8K		
	3.5 ... 5	3RU2126-1FB00-8K		
	4.5 ... 6.3	3RU2126-1GB00-8K		
	5.5 ... 8	3RU2126-1HB00-8K		
	7 ... 10	3RU2126-1JB00-8K	3275.-	
	9 ... 12.5	3RU2126-1KB00-8K		
	11 ... 16	3RU2126-4AB00-8K	3360.-	
	14 ... 20	3RU2126-4BB00-8K	3395.-	
	17 ... 22	3RU2126-4CB00-8K		
	20 ... 25	3RU2126-4DB00-8K		
	23 ... 28	3RU2126-4NB00-8K	5715.-	
	27 ... 32	3RU2126-4EB00-8K		
	30 ... 36	3RU2126-4PB00-8K		
	34 ... 40	3RU2126-4FB00-8K	5765.-	

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S2	11 ... 16	3RU2136-4AB00-8K	6215.-	1
	14 ... 20	3RU2136-4BB00-8K		
	18 ... 25	3RU2136-4DB00-8K		
	22 ... 32	3RU2136-4EB00-8K		
	28 ... 40	3RU2136-4FB00-8K		
	36 ... 45	3RU2136-4GB00-8K	7835.-	
	40 ... 50	3RU2136-4HB00-8K	8360.-	
	47 ... 57	3RU2136-4QB00-8K	9405.-	
	54 ... 65	3RU2136-4JB00-8K	10440.-	
	62 ... 73	3RU2136-4KB00-8K	10750.-	
	70 ... 80	3RU2136-4RB00-8K	11430.-	
S3	28 ... 40	3RU2146-4FB00-8K	9440.-	1
	36 ... 50	3RU2146-4HB00-8K		
	45 ... 63	3RU2146-4JB00-8K	10490.-	
	57 ... 75	3RU2146-4KB00-8K	10870.-	
	70 ... 90	3RU2146-4LB00-8K	11515.-	
	80 ... 100	3RU2146-4MB00-8K	14320.-	

* For ordering Overload Relays with spring type terminals, please get in touch with sales office (for S00, S0 size only)



Accessory for independent mounting

For size of relay	Relay type	Type	Unit LP ₹	Std. pkg. (nos.)
S00*	3RU21, 3RB30/31, 3RR21/22/24	3RU2916-3AA01	1010.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	1040.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	1700.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	2005.-	1

* To order terminal supports for overload relays with spring-type terminals, please get in touch with sales office

LP - List Price

Thermal Overload Relays - 3RU

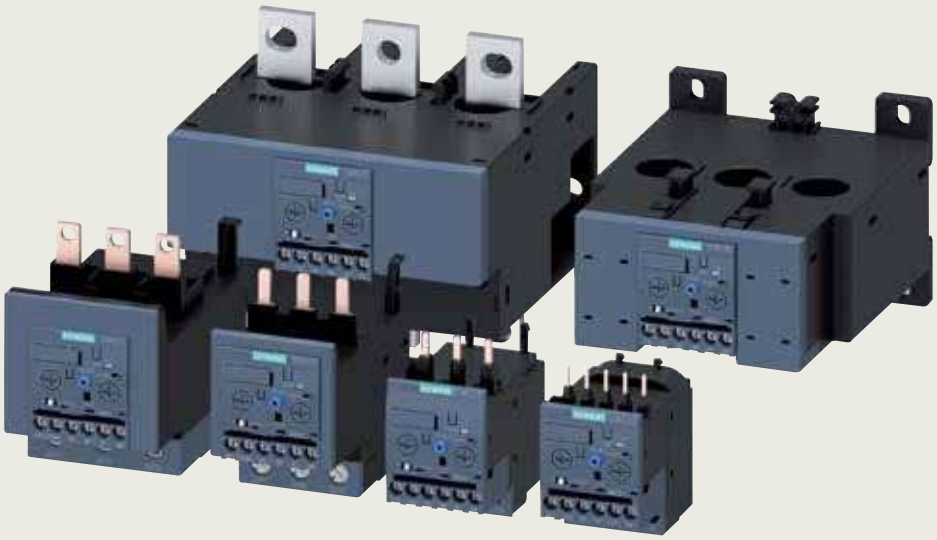
Separate Mounting - Class 10

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	45	70 - 100	3RU2156-5BB10-8K	13260.-	1
	55	90 - 125	3RU2156-5CB10-8K	14025.-	1
	75	110 - 160	3RU2156-5DB10-8K	14045.-	1
	110	140 - 200	3RU2156-5EB10-8K		1
	45	70 - 100	3RU2156-5BW10-8K$		1
	55	90 - 125	3RU2156-5CW10-8K$		1
	75	110 - 160	3RU2156-5DW10-8K$		1
	110	140 - 200	3RU2156-5EW10-8K$		1
S10	110	140 - 200	3RU2166-5EB10-8K	18760.-	1
	132	180 - 250	3RU2166-5FB10-8K		1
	160	220 - 320	3RU2166-5GB10-8K		1
S12	200	280 - 400	3RU2176-5HB10-8K	23875.-	1
	250	350 - 500	3RU2176-5JB10-8K	24325.-	1

Separate Mounting - Class 30

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	37	55 - 80	3RU2356-5AB10-8K	23875.-	1
	45	70 - 100	3RU2356-5BB10-8K		1
	55	90 - 125	3RU2356-5CB10-8K		1
	37	55 - 80	3RU2356-5AW10-8K$		1
	45	70 - 100	3RU2356-5BW10-8K$		1
	55	90 - 125	3RU2356-5CW10-8K$		1
S10	75	110 - 160	3RU2366-5DB10-8K		1
	110	140 - 200	3RU2366-5EB10-8K		1
S12	132	180 - 250	3RU2376-5FB10-8K		1
	160	220 - 320	3RU2376-5GB10-8K		1

*** For heavy duty applications (starting time > 10s), it is recommended to use 3RU class 30 relays to avoid nuisance tripping and reliable protection.**
$ Range available with straight through transformer



Widest range electronic overload relays

Microprocessor based overload relay - 3RB

Size	Current setting range A	3RB (Class 10E) With overload, phase failure and phase unbalance protections		3RB (Class 20E) With overload, phase failure and phase unbalance protections		3RB (Class 5 to 30E – Settable) With overload, phase failure and phase unbalance and earth fault protection		Std. pkg. (nos.)
		Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	
S00	0.1 ... 0.4	3RB3016-1RB0	6930.-	3RB3016-2RB0	8655.-	3RB3113-4RB0	14460.-	1
	0.32 ... 1.25	3RB3016-1NB0		3RB3016-2NB0		3RB3113-4NB0		1
	1 ... 4	3RB3016-1PB0		3RB3016-2PB0		3RB3113-4PB0		1
	3 ... 12	3RB3016-1SB0		3RB3016-2SB0		3RB3113-4SB0		1
	4 ... 16	3RB3016-1TB0		3RB3016-2TB0		3RB3113-4TB0		1
S0	0.1 ... 0.4	3RB3026-1RB0	8060.-	3RB3026-2RB0	10055.-	3RB3123-4RB0	15115.-	1
	0.32 ... 1.25	3RB3026-1NB0		3RB3026-2NB0		3RB3123-4NB0		1
	1 ... 4	3RB3026-1PB0		3RB3026-2PB0		3RB3123-4PB0		1
	3 ... 12	3RB3026-1SB0		3RB3026-2SB0		3RB3123-4SB0		1
	6 ... 25	3RB3026-1QB0		3RB3026-2QB0		3RB3123-4QB0		1
	10 ... 40	3RB3026-1VB0	8355.-	3RB3026-2VB0		3RB3123-4VB0		1
S2	12.5 ... 50	3RB3036-1UB0@	12215.-	3RB3036-2UB0@	15245.-	3RB3133-4UB0@	19735.-	1
	20 ... 80	3RB3036-1WB0@	18420.-	3RB3036-2WB0@	23040.-	3RB3133-4WB0@	25730.-	1
	12.5 ... 50	3RB3036-1UW1#	12215.-	3RB3036-2UW1#	15245.-	3RB3133-4UW1#	19735.-	1
	20 ... 80	3RB3036-1WW1#	18420.-	3RB3036-2WW1#	23040.-	3RB3133-4WW1#	25730.-	1
S3	12.5 ... 50	3RB3046-1UB0@	14490.-	3RB3046-2UB0@	18125.-	3RB3143-4UB0@	25745.-	1
	32 ... 115	3RB3046-1XB0@	18885.-	3RB3046-2XB0@	23720.-	3RB3143-4XB0@	26265.-	1
	12.5 ... 50	3RB3046-1UW1#	15515.-	3RB3046-2UW1#	19150.-	3RB3143-4UW1#	26155.-	1
	32 ... 115	3RB3046-1XW1#	19000.-	3RB3046-2XW1#	23720.-	3RB3143-4XW1#	26265.-	1
S6	50 ... 200	3RB2056-1FC2&	23210.-	3RB2056-2FC2&	29015.-	3RB2153-4FC2&	34735.-	1
S6	50 ... 200	3RB2056-1FW2$		3RB2056-2FW2$		3RB2153-4FW2$		1
S10/12	55 ... 250	3RB2066-1GC2&	25325.-	3RB2066-2GC2&	35255.-	3RB2163-4GC2&	35415.-	1
S10/12	160 ... 630	3RB2066-1MC2&	45070.-	3RB2066-2MC2&	56345.-	3RB2163-4MC2&	58360.-	1

* For size S00 & S0: To order relay with spring type terminals, please replace 10th digit from 'B' to 'E'

\# Devices with straight-through transformer for stand-alone installation

@ Devices with screw terminals for mounting onto contactor.

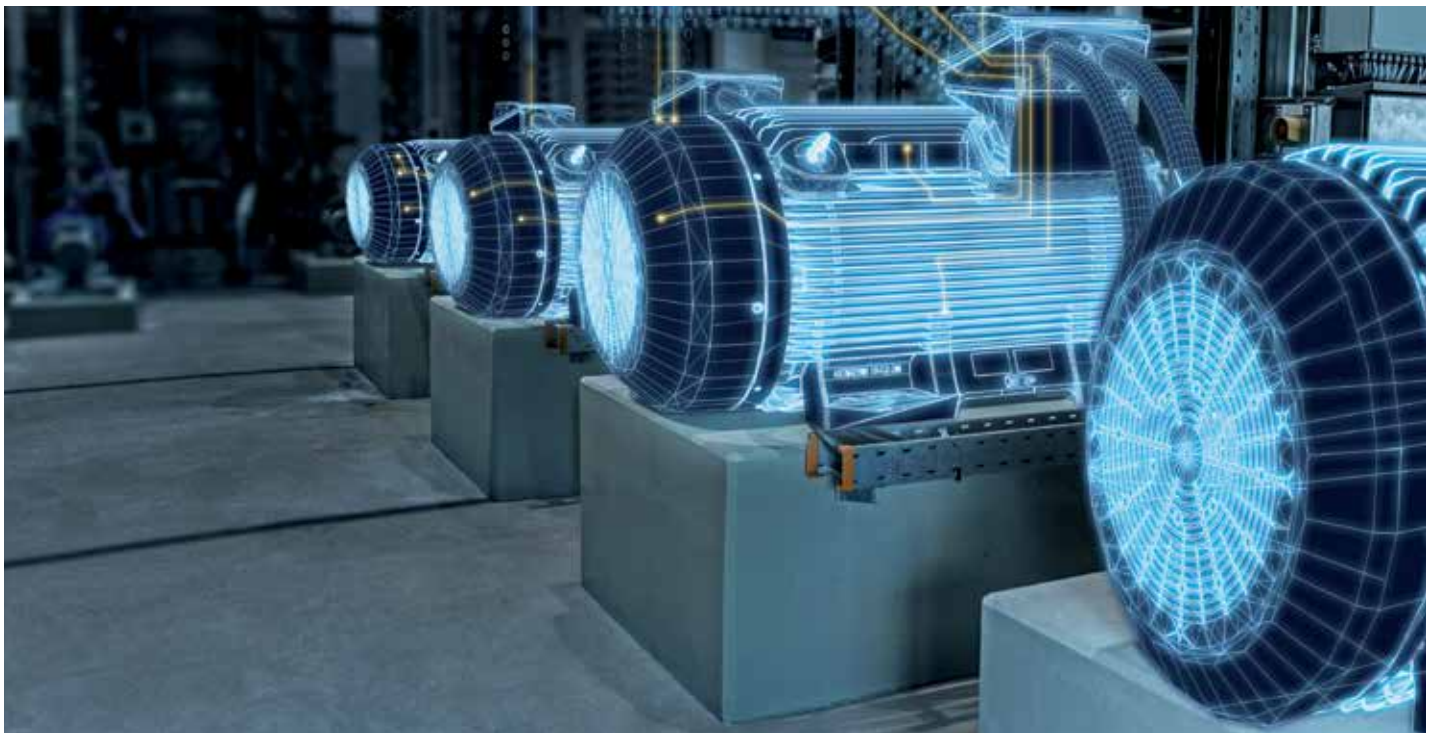
& Devices with busbar connection for mounting onto contactor or stand-alone installation.

$ Devices with straight-through transformer for mounting onto contactor with Box terminals or stand-alone installation.

LP - List Price

Accessories for 3RU2 Thermal overload relays and 3RB3 solid state overload relays

Accessory Type	Version	Size	3RU2 Thermal overload relay	3RB30/31 solid state overload relay	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Reset	Resetting plungers, holders & formers	S00, S0, S6-S12	✓	X	3RU2900-1A	1150.-	1
	Resetting plungers, holders & formers		X	✓	3RB3980-0A	585.-	1
	Pushbuttons with extended stroke (12 mm), IP65, Dia 22 mm		✓	✓	3SU1200-0FB10-0AA0	3455.-	1
	Extension plungers		✓	✓	3SU1900-0KG10-0AA0	320.-	1
Cable releases with holder for RESET	Length 400mm	S00, S0, S6-S12	✓	X	3RU2900-1B	3230.-	1
	Length 600mm		✓	X	3RU2900-1C		1
	Length 400mm		X	✓	3RB3980-0B	5630.-	1
	Length 600mm		X	✓	3RB3980-0C		
Module for remote reset, electrical	24 ... 30 V AC/DC	S00, S0, S6-S12	✓	X	3RU1900-2AB71	4060.-	1
	110 ... 127 V AC/DC		✓	X	3RU1900-2AF71		
	220 ... 250 V AC/DC		✓	X	3RU1900-2AM71		
Sealable covers for covering the setting knob	For 3RB30/3RB31	S00, S0, S6-S12	X	✓	3RB3984-0	2665.-	1
	For 3RU2 / 3RV2		✓	X	3RV2908-0P	160.-	10
Terminal Covers for busbar connections	Length 55 mm	S3			3RT1946-4EA1	1130.-	1
	Length 100 mm	S6	✓	✓	3RT1956-4EA1	2160.-	1
	Length 120 mm	S10, S12	✓	✓	3RT1966-4EA1	2845.-	1
Terminal Cover for Box Terminals	Length 20.6 mm	S2	✓	✓	3RT2936-4EA2	275.-	1
	Length 20.8 mm	S3	✓	✓	3RT2946-4EA2	775.-	1
	Length 25 mm	S6	✓	✓	3RT1956-4EA2	1265.-	1
	Length 30 mm	S10/12	✓	✓	3RT1966-4EA2	2225.-	1



Thermal overload relays - 3UA / 3UC

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
3UA50	Contactor® mounting (3TF30/31)	0.1 – 0.16	3UA5000-0A	2830.-	1
		0.16 – 0.25	3UA5000-0C		
		0.25 – 0.4	■ 3UA5000-0E		
		0.4 – 0.63	■ 3UA5000-0G		
		0.63 – 1	■ 3UA5000-0J		
		0.8 – 1.25	■ 3UA5000-0K		
		1 – 1.6	■ 3UA5000-1A		
		1.25 – 2	■ 3UA5000-1B		
		1.6 – 2.5	■ 3UA5000-1C	2845.-	1
		2 – 3.2	■ 3UA5000-1D		
		2.5 – 4	■ 3UA5000-1E		
		3.2 – 5	■ 3UA5000-1F		
		4 – 6.3	■ 3UA5000-1G		
		5 – 8	■ 3UA5000-1H		
		6.3 – 10	■ 3UA5000-1J	2865.-	1
		8 – 12.5	■ 3UA5000-1K		1
		10 – 14.5	■ 3UA5000-2S		1
3UA52	Contactor® mounting (3TF32/33)	1 – 1.6	3UA5200-1A	2945.-	1
		1.25 – 2	3UA5200-1B		1
		1.6 – 2.5	3UA5200-1C		1
		2 – 3.2	3UA5200-1D		1
		2.5 – 4	3UA5200-1E		1
		3.2 – 5	3UA5200-1F		1
		4 – 6.3	■ 3UA5200-1G	2950.-	1
		5 – 8	■ 3UA5200-1H		1
		6.3 – 10	■ 3UA5200-1J		1
		8 – 12.5	■ 3UA5200-1K		1
		10 – 16	■ 3UA5200-2A	3215.-	1
		12.5 – 20	■ 3UA5200-2B		1
		16 – 25	■ 3UA5200-2C		1
3UA55	Contactor® mounting (3TF34/35, 44/45)	10 – 16	■ 3UA5500-2A	5025.-	1
		12.5 – 20	■ 3UA5500-2B		1
		16 – 25	■ 3UA5500-2C		1
		20 – 32	■ 3UA5500-2D		1
		25 – 36	■ 3UA5500-2Q	5230.-	1
		32 – 40	■ 3UA5500-2R		1
		36 – 45	■ 3UA5500-8M		1

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
3UA58-Z1	Contactor® mounting (3TF46, 3TF47, 3TF48, 3TF49)	16 – 25	3UA5800-2CZ1	9060.-	1
		20 – 32	3UA5800-2DZ1		1
		25 – 40	3UA5800-2EZ1		1
		32 – 50	■ 3UA5800-2FZ1	7735.-	1
		40 – 57	■ 3UA5800-2TZ1		1
		50 – 63	■ 3UA5800-2PZ1	9060.-	1
		57 – 70	■ 3UA5800-2VZ1		1
		63 – 80	■ 3UA5800-2UZ1		1
		70 – 95	■ 3UA5800-8YZ1		1
3UA58-Z2	Contactor® mounting (3TF47 7)	16 – 25	3UA5800-2CZ2	9060.-	1
		20 – 32	3UA5800-2DZ2	9025.-	1
		25 – 40	3UA5800-2EZ2	9025.-	1
		32 – 50	■ 3UA5800-2FZ2	7780.-	1
		40 – 57	■ 3UA5800-2TZ2		1
		50 – 63	■ 3UA5800-2PZ2	9120.-	1
		57 – 70	■ 3UA5800-2VZ2		1
		63 – 80	■ 3UA5800-2UZ2		1
3UA58 30	Contactor® mounting (3TF50)	70 – 95	■ 3UA5830-5B	9985.-	1
		85 – 105	■ 3UA5830-5C	10180.-	1
		95 – 120	■ 3UA5830-5D		1
3UA62	Independent mounting	85 – 135	■ 3UA6230-5A	14510.-	1
		115 – 180	■ 3UA6230-5B		1
		160 – 250	■ 3UA6230-5C	20050.-	1
		200 – 320	■ 3UA6230-5D	20645.-	1
		250 – 400	■ 3UA6230-5E		1
3UA68		320 – 500	3UA6830-5F	26675.-	1
		400 – 630	3UA6830-5G		1

@ Can be converted to independent mounting using accessory.

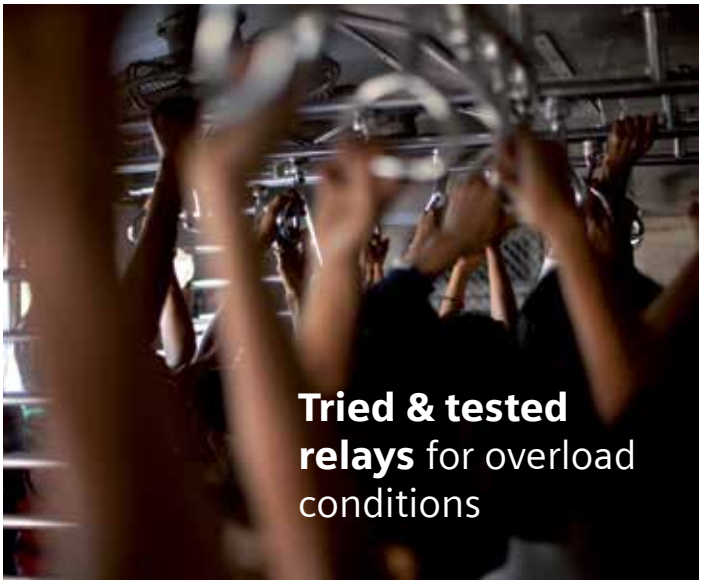
Relays for heavy starting applications, independent mounting

Current setting range A	Type	Unit LP ₹	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
2.5 – 4	3UC5030-5E	25225.-	40 – 63	3UC5830-5G	25225.-	1
4 – 6.3	3UC5030-5G					
6.3 – 10	3UC5030-5J		63 – 100	3UC6230-5J	25710.-	1
8 – 12.5	3UC5030-5K		100 – 160	3UC6230-5A		1
10 – 16	3UC5830-5A		125 – 200	3UC6630-5B		1
16 – 25	3UC5830-5C		160 – 250	3UC6630-5C		1
25 – 40	3UC5830-5E		250 – 400	3UC6630-5E		1

Note: Relays always supplied in manual execution, can be converted at site to auto execution.

Accessories for 3UA birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Accessory for independent mounting	3UA50	■ 3UX1418	655.-	1
	3UA52	■ 3UX1420	690.-	1
	3UA55	■ 3UX1425	835.-	1
	3UA58	■ 3UX1421	875.-	1
	3UA58 30	■ 3UX1421-0XA	945.-	1
Resetting plunger funnel	3UA5/6, 3UC5/6	3UX1011	305.-	10
		3UX1013		10
Reset cord + holder:	3UA5/6, 3UC5/6			
400 mm length		3UX1015	420.-	5
600 mm length		3UX1016		5
Protection cover	3UA5/6 except 3UA58/ 3UA5830	3UX11111YA	355.-	10
Set of 3 terminals to convert from 3UA5800-2. or 3UA5800-2.Z2 to 3UA5800-2.Z1		3UX5811	235.-	10
3UA5800-2.Z1 or 3UA5800-2.Z2 to 3UA5800-2.		3UX5812		10
3UA5800-2. or 3UA5800-2.Z1 to 3UA5800-2.Z2		3UX5813		10



■ Stock items

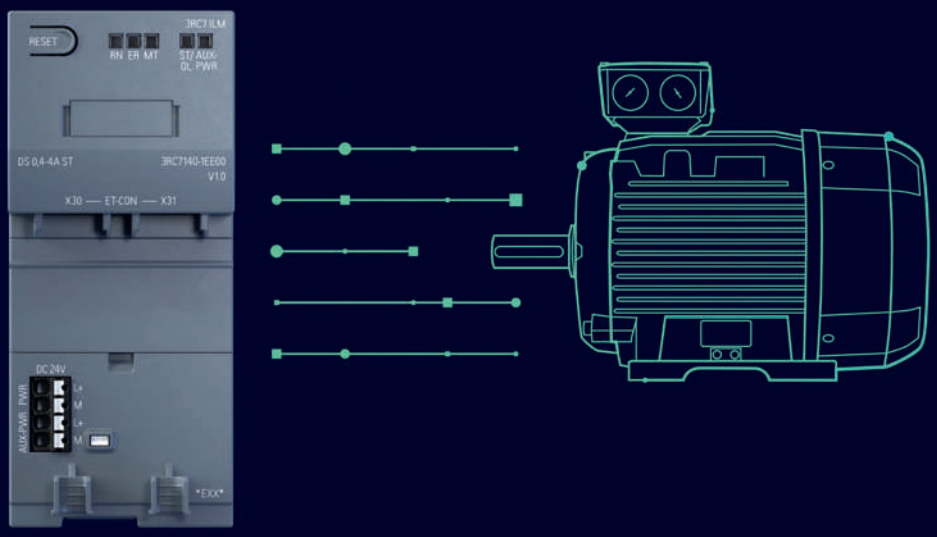
MRP - Maximum Retail Price

LP - List Price

SIRIUS 3RC7 Intelligent Link Modules

NEW

SIRIUS Modular System goes digital

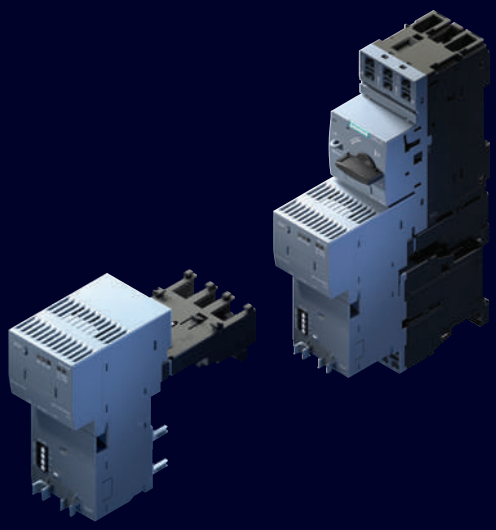


Part of the automation

Transparency all the way to the field level

Proactive protection

Minimal effort



3RC7 SIRIUS Intelligent Link Module makes the SIRIUS modular system capable of communication and parameterization.

This allows to measure, monitor, react and report, becoming one with the Automation System

More information
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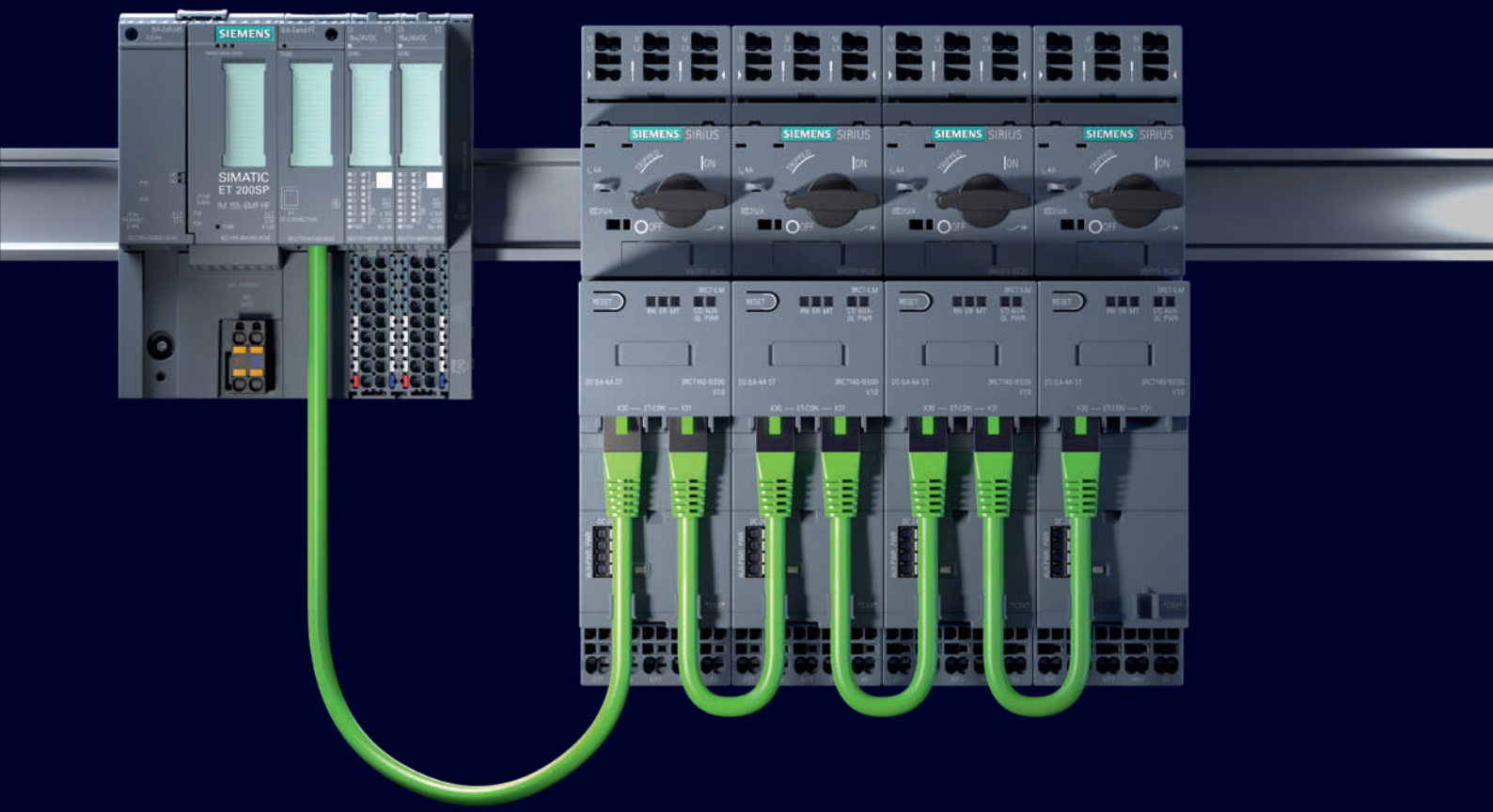
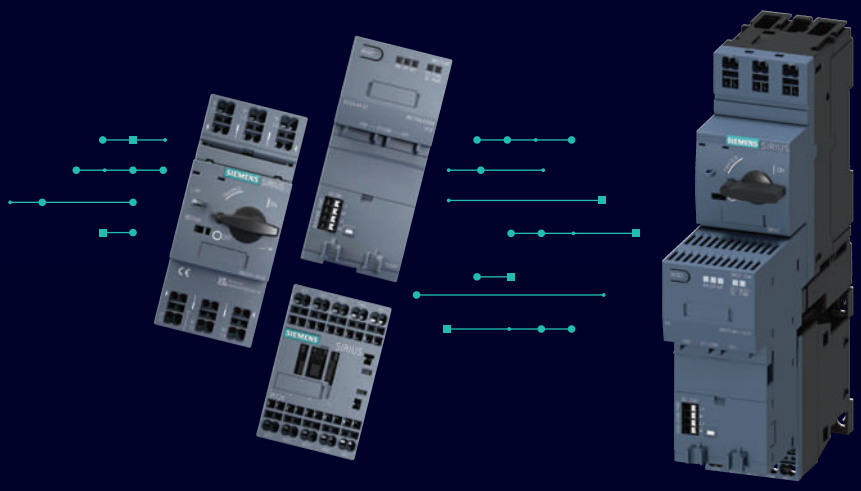
SIRIUS 3RC7 Intelligent Link Modules

NEW

Integrate load feeders into the automation system





3RA8 is a combination of SIRIUS 3RV2 circuit breaker, SIRIUS 3RT2 contactor and the SIRIUS 3RC7 intelligent link module – fully assembled, certified combinations and ready for use.

More information
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Motor Protection Circuit Breakers - 3RV

Class 10, without auxiliary switch, standard switching capacity, screw terminals

MPCB Specifications			MPCB with Standard release[1]		MPCB with "relay function"[2]		MPCB with "Mag only" Release[3]		MPCB for transformer protection	
MPCB Size	MPCB rated current A	MPCB overload range A	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹
S00	0.16	0.11...0.16	3RV2011-0AA10	6520.-	3RV2111-0AA10	8250.-	3RV2311-0AC10	6410.-	3RV2411-0AA10	11095.-
	0.2	0.14...0.2	3RV2011-0BA10		3RV2111-0BA10		3RV2311-0BC10		3RV2411-0BA10	
	0.25	0.18...0.25	3RV2011-0CA10		3RV2111-0CA10		3RV2311-0CC10		3RV2411-0CA10	
	0.32	0.22...0.32	3RV2011-0DA10		3RV2111-0DA10		3RV2311-0DC10		3RV2411-0DA10	
	0.4	0.28...0.4	3RV2011-0EA10		3RV2111-0EA10		3RV2311-0EC10		3RV2411-0EA10	
	0.5	0.35...0.5	3RV2011-0FA10	7530.-	3RV2111-0FA10	9515.-	3RV2311-0FC10	7370.-	3RV2411-0FA10	
	0.63	0.45...0.63	3RV2011-0GA10		3RV2111-0GA10		3RV2311-0GC10		3RV2411-0GA10	
	0.8	0.55...0.8	3RV2011-0HA10		3RV2111-0HA10		3RV2311-0HC10		3RV2411-0HA10	
	1	0.7...1	3RV2011-0JA10	7750.-	3RV2111-0JA10		3RV2311-0JC10		3RV2411-0JA10	11745.-
	1.25	0.9...1.25	3RV2011-0KA10		3RV2111-0KA10		3RV2311-0KC10		3RV2411-0KA10	
	1.6	1.1...1.6	3RV2011-1AA10		3RV2111-1AA10		3RV2311-1AC10		3RV2411-1AA10	
	2	1.4...2	3RV2011-1BA10		3RV2111-1BA10		3RV2311-1BC10		3RV2411-1BA10	
	2.5	1.8...2.5	3RV2011-1CA10	7815.-	3RV2111-1CA10	9600.-	3RV2311-1CC10	7580.-	3RV2411-1CA10	
	3.2	2.2...3.2	3RV2011-1DA10	7890.-	3RV2111-1DA10	9870.-	3RV2311-1DC10	7650.-	3RV2411-1DA10	
	4	2.8...4	3RV2011-1EA10		3RV2111-1EA10		3RV2311-1EC10		3RV2411-1EA10	
	5	3.5...5	3RV2011-1FA10	8120.-	3RV2111-1FA10	9960.-	3RV2311-1FC10	7725.-	3RV2411-1FA10	11855.-
	6.3	4.5...6.3	3RV2011-1GA10		3RV2111-1GA10		3RV2311-1GC10	7870.-	3RV2411-1GA10	
	8	5.5...8	3RV2011-1HA10	8385.-	3RV2111-1HA10	10600.-	3RV2311-1HC10	8200.-	3RV2411-1HA10	
	10	7...10	3RV2011-1JA10	8700.-	3RV2111-1JA10	10695.-	3RV2311-1JC10	8280.-	3RV2411-1JA10	12980.-
	12.5	9...12.5	3RV2011-1KA10	9375.-	3RV2111-1KA10	11310.-	3RV2311-1KC10	8785.-	3RV2411-1KA10	
	16	10...16	3RV2011-4AA10	10930.-	3RV2111-4AA10	12710.-	3RV2311-4AC10	9890.-	3RV2411-4AA10	
S0	16	10 ... 16	3RV2021-4AA10	11055.-	3RV2121-4AA10	13125.-	3RV2321-4AC10	10000.-	3RV2421-4AA10	13370.-
	20	13 ... 20	3RV2021-4BA10	11805.-	3RV2121-4BA10	14665.-	3RV2321-4BC10	11505.-	3RV2421-4BA10	14065.-
	22	16 ... 22	3RV2021-4CA10		3RV2121-4CA10		3RV2321-4CC10		3RV2421-4CA10	23355.-
	25	18 ... 25	3RV2021-4DA10	11925.-	3RV2121-4DA10		3RV2321-4DC10		3RV2421-4DA10	26115.-
	28	23 ... 28	3RV2021-4NA10	19905.-	3RV2121-4NA10	32930.-	3RV2321-4NC10	19175.-	–	–
	32	27 ... 32	3RV2021-4EA10		3RV2121-4EA10		3RV2321-4EC10		–	–
	36	30 ... 36	3RV2021-4PA10	22750.-	–	–	3RV2321-4PC10	22120.-	–	–
	40	34 ... 40	3RV2021-4FA10		–	–	3RV2321-4FC10		–	–
S2	25	18 ... 25	3RV2031-4DA10	21225.-	3RV2131-4DA10	33620.-	3RV2331-4DC10	19560.-	3RV2431-4DA10	26660.-
	32	22 ... 32	3RV2031-4EA10		3RV2131-4EA10		3RV2331-4EC10		3RV2431-4EA10	32110.-
	36	28 ... 36	3RV2031-4PA10	23370.-	3RV2131-4PA10	37030.-	3RV2331-4PC10	22365.-	3RV2431-4PA10	35440.-
	40	32 ... 40	3RV2031-4UA10		3RV2131-4UA10		3RV2331-4UC10		3RV2431-4UA10	
	45	35 ... 45	3RV2031-4VA10	28535.-	3RV2131-4VA10	38895.-	3RV2331-4VC10	26975.-	3RV2431-4VA10	36110.-
	52	42 ... 52	3RV2031-4WA10	29075.-	3RV2131-4WA10		3RV2331-4WC10		3RV2431-4WA10	
	59	49 ... 59	3RV2031-4XA10	29445.-	3RV2131-4XA10	40885.-	3RV2331-4XC10	27190.-	3RV2431-4XA10	37435.-
	65	54 ... 65	3RV2031-4JA10	30010.-	3RV2131-4JA10		3RV2331-4JC10		3RV2431-4JA10	
	73	62 ... 73	3RV2031-4KA10	31485.-	3RV2131-4KA10	42935.-	3RV2331-4KC10	28555.-	–	–
	80	70 ... 80	3RV2031-4RA10		3RV2131-4RA10		3RV2331-4RC10		–	–
S3	50	36 ... 50	3RV2041-4HA10	29525.-	3RV2142-4HA10	41585.-	3RV2341-4HC10	27105.-	–	–
	63	45 ... 63	3RV2041-4JA10	29800.-	3RV2142-4JA10		3RV2341-4JC10	27360.-	–	–
	75	57 ... 75	3RV2041-4KA10	31285.-	3RV2142-4KA10	43720.-	3RV2341-4KC10	28745.-	–	–
	84	65 ... 84	3RV2041-4RA10		3RV2142-4RA10		3RV2341-4RC10		–	–
	93	75 ... 93	3RV2041-4YA10	31880.-	3RV2142-4YA10		3RV2341-4YC10		–	–
	100	80 ... 100	3RV2041-4MA10	32170.-	3RV2142-4MA10		3RV2341-4MC10	29010.-	–	–

1) MPCB trips on SC and also on OL

2) MPCB trips on SC and opens contactor on OL

3) MPCB trips on SC

* Spring type terminals are not available for relay function MPCB 3RV21

* 3RV20 and 3RV23: For ordering spring type terminal please replace 11th digit from "1" to "2" (available upto 32A in S00 and S0 only)

Standard packing for all above products is 1 no.

Class 10, without auxiliary switch, increased switching capacity (100kA), screw terminals

MPCB Specifications			MPCB with Standard release[1]		MPCB with "relay function"[2]		MPCB with "Mag only" Release[3]	
MPCB Size	MPCB rated current A	MPCB overload range A	Type	Unit LP ₹	Type	Unit LP ₹	Type	Unit LP ₹
S2	25	18 ... 25	3RV2032-4DA10	27275.-	–	–	3RV2332-4DC10	23495.-
	32	22 ... 32	3RV2032-4EA10	29530.-	–	–	3RV2332-4EC10	
	36	28 ... 36	3RV2032-4PA10	31800.-	–	–	3RV2332-4PC10	26115.-
	40	32 ... 40	3RV2032-4UA10	34220.-	–	–	3RV2332-4UC10	32335.-
	45	35 ... 45	3RV2032-4VA10	37860.-	–	–	3RV2332-4VC10	
	52	42 ... 52	3RV2032-4WA10	38210.-	–	–	3RV2332-4WC10	32630.-
	59	49 ... 59	3RV2032-4XA10	38545.-	–	–	3RV2332-4XC10	
	65	54 ... 65	3RV2032-4JA10		–	–	3RV2332-4JC10	
	73	62 ... 73	3RV2032-4KA10	43770.-	–	–	3RV2332-4KC10	34270.-
	80	70 ... 80	3RV2032-4RA10	46125.-	–	–	3RV2332-4RC10	
S3	40	28 ... 40	3RV2042-4FA10	34275.-	3RV2142-4FA10	37845.-	3RV2342-4FC10	34935.-
	50	36 ... 50	3RV2042-4HA10	38385.-	3RV2142-4HA10	41585.-	3RV2342-4HC10	37075.-
	63	45 ... 63	3RV2042-4JA10	38915.-	3RV2142-4JA10		3RV2342-4JC10	
	75	57 ... 75	3RV2042-4KA10	44445.-	3RV2142-4KA10	43720.-	3RV2342-4KC10	38930.-
	84	65 ... 84	3RV2042-4RA10	46420.-	3RV2142-4RA10		3RV2342-4RC10	
	93	75 ... 93	3RV2042-4YA10		3RV2142-4YA10		3RV2342-4YC10	
	100	80 ... 100	3RV2042-4MA10	46850.-	3RV2142-4MA10		3RV2342-4MC10	39285.-

Class 20, without auxiliary switch, screw terminals

MPCB Specifications					MPCB with Standard release[1]		Std. pkg. (nos.)
MPCB Size	MPCB rated current A	MPCB overload range A	MPCB Short circuit setting A	Breaking capacity kA	Type[1]	Unit LP ₹	
S2	14	9.5 ... 14	208	65	3RV2031-4SB10		1
	17	12 ... 17	260	65	3RV2031-4TB10	26060.-	1
	20	14 ... 20	260	65	3RV2031-4BB10		1
	25	18 ... 25	325	65	3RV2031-4DB10	28800.-	1
	32	22 ... 32	416	65	3RV2031-4EB10	30840.-	1
	36	28 ... 36	520	65	3RV2031-4PB10	32425.-	1
	40	32 ... 40	585	65	3RV2031-4UB10	34170.-	1
	45	35 ... 45	650	65	3RV2031-4VB10	37360.-	1
	52	42 ... 52	741	65	3RV2031-4WB10	37940.-	1
	59	49 ... 59	845	65	3RV2031-4XB10	38360.-	1
	65	54 ... 65	845	65	3RV2031-4JB10		1
S3	40	28 ... 40	520	100	3RV2042-4FB10		1
	50	36 ... 50	650	100	3RV2042-4HB10		1
	63	45 ... 63	819	100	3RV2042-4JB10	39755.-	1
	75	57 ... 75	975	100	3RV2042-4KB10		1
	84	65 ... 84	1170	100	3RV2042-4RB10		1
	93	75 ... 93	1300	100	3RV2042-4YB10		1
	100	80 ... 100	1300	100	3RV2042-4MB10	40120.-	1

1) MPCB trips on SC and also on OL 2) MPCB trips on SC and opens contactor on OL 3) MPCB trips on SC

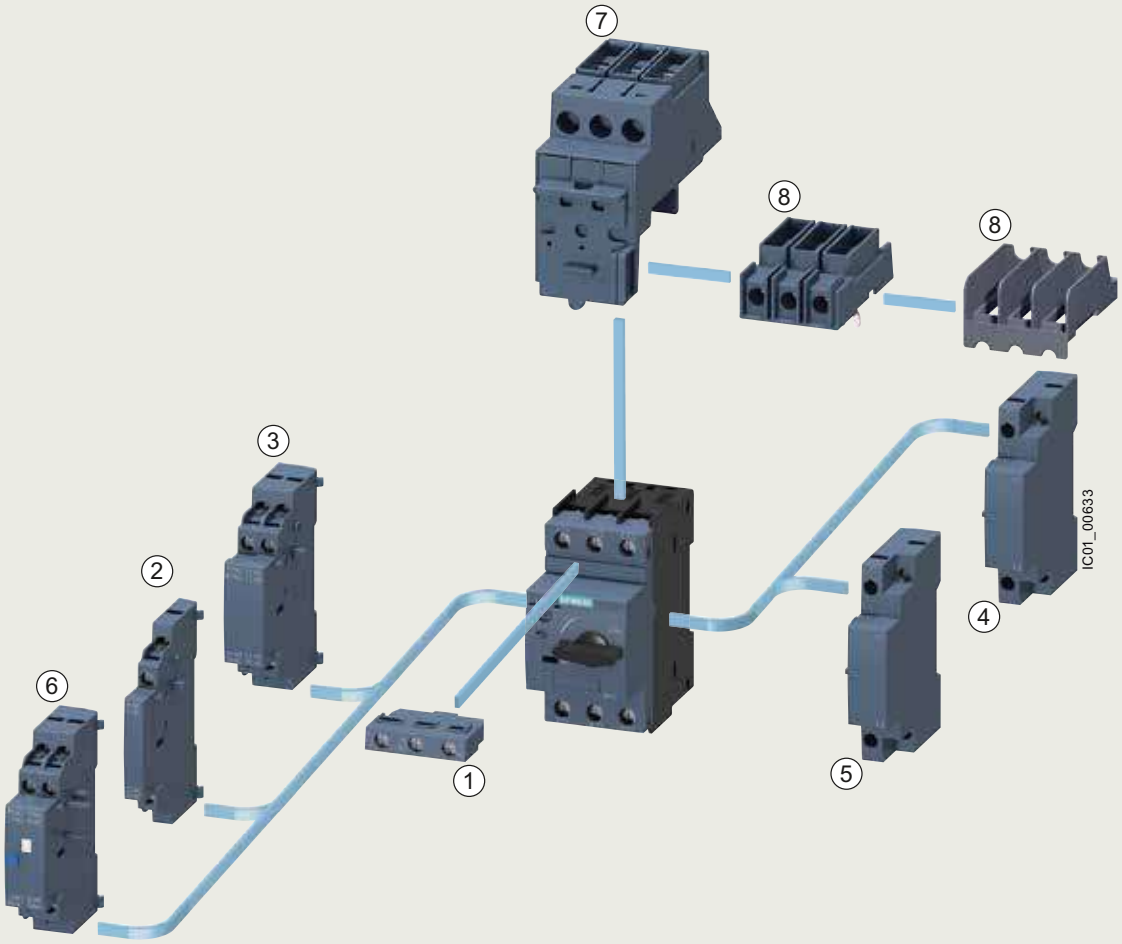
Standard packing for all above products is 1 no.

Circuit breaker size S00 for motor protection, Toggle Switch

Rating	Type *	Unit LP ₹	Rating	Type *	Unit LP ₹
0.11...0.16	3RV1011-0AA10	6150.-	1.1...1.6	3RV1011-1AA10	7595.-
0.14 ... 0.2	3RV1011-0BA10		1.4 ... 2	3RV1011-1BA10	
0.18...0.25	3RV1011-0CA10		1.8...2.5	3RV1011-1CA10	
0.22 ... 0.32	3RV1011-0DA10	6500.-	2.2 ... 3	3RV1011-1DA10	7625.-
0.28...0.4	3RV1011-0EA10		2.8...4	3RV1011-1EA10	7965.-
0.35 ... 0.5	3RV1011-0FA10	7540.-	3.5 ... 5	3RV1011-1FA10	
0.45...0.63	3RV1011-0GA10		4.5 ... 6	3RV1011-1GA10	
0.55 ... 0.8	3RV1011-0HA10		5.5 ... 8	3RV1011-1HA10	
0.7...1	3RV1011-0JA10		7 ... 10	3RV1011-1JA10	
0.9 ... 1.25	3RV1011-0KA10	7595.-	9 ... 12	3RV1011-1KA10	8745.-

Standard packing for all above products is 1 no.

* Use with accessories for 3RV2.



Accessories **complimenting the application**

Mountable accessories

① Transverse auxiliary switch
② Lateral auxiliary switch with 2 contacts
③ Lateral auxiliary switch with 4 contacts
④ Shunt release (can not be used with 3RV21 motor starter protectors)
⑤ Undervoltage release without/with leading contacts (can not be used with 3RV21 motor starter protectors)
⑥ Signaling switch (can not be used with 3RV27 and 3RV28 circuit breakers)
⑦ Isolator module (can not be used with 3RV2.4, 3RV27 and 3RV28 circuit breakers)
⑧ Terminal block type E or phase barriers

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Accessories for 3RV2

Mountable accessories

Type of accessory	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Transverse auxiliary switches With screw terminals, mountable on front	1 CO	S00 ... S3	3RV2901-1D#	1125.-	1
	1 NO + 1 NC	S00 ... S3	3RV2901-1E	1450.-	1
	2NO	S00 ... S3	3RV2901-1F	1475.-	1
Transverse auxiliary switches for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S3	3RV2901-1G#	4445.-	1
Covers for transverse auxiliary switches		S00 ... S3	3RV2901-0H#	660.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S3	3RV2901-1A	1595.-	1
	2 NO		3RV2901-1B	1495.-	1
	2 NC		3RV2901-1C		1
	2 NO + 2 NC		3RV2901-1J#	2560.-	1
Signaling switches (Alarm contacts) Mountable on the left side	Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S00 ... S3	3RV2921-1M	2765.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S00, S0	3RV2928-1A#	5845.-	1
		S2 (Up to 65A only)	3RV2938-1A#	7010.-	1
Fuse Monitoring MPCB		S00	3RV16110BD10	11000.-	1

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Type of accessory@	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Undervoltage trip units, Screw terminals	24 V DC	S00 ... S3	3RV2902-1AB4#	10725.-	1
	110 V AC 50Hz / 120 V AC 60Hz		3RV2902-1AF0#	3975.-	1
	230 V AC 50Hz / 240 V AC 60Hz		3RV2902-1AP0		1
	400 V AC 50Hz / 440 V AC 60Hz		3RV2902-1AV0		1
Shunt trip units, Screw terminals	20...24V 50/60 Hz (100% ON period)		3RV2902-1DB0		1
	20...70V 50/60Hz, DC (5s ON period)				
	90...110V 50/60 Hz (100% ON period)		3RV2902-1DF0		1
	70...190V 50/60Hz, DC (5s ON period)				
	210...240V 50/60 Hz (100% ON period)		3RV2902-1DP0		1
	190...330V 50/60Hz, DC (5s ON period)				
	350...415V 50/60 Hz (100% ON period)		3RV2902-1DV0#		1
	330...500V 50/60Hz, DC (5s ON period)				

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

@ One auxiliary release can be mounted on the right side. (does not apply to 3RV11 motor starter protectors with overload relay function)

Accessories for 3RV2 / 3RV1

Fixing accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Push-in lugs	For screwing the motor starter protector onto mounting plates. For each motor starter protector, 2 units are required.	For 3RV1: S00,S0	3RB1900-0B	35.-	(1pack = 10 pcs)
Push-in lugs		For 3RV2: S00,S0	3RV2928-0B	30.-	(1pack = 10 pcs)

Enclosure With EMERGENCY STOP rotary operating mechanism, Lockable in 0 position

Degree of protection	Integrated terminals	Installation width (for switch + lateral auxiliary switch)	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
IP55	N and PE	54 mm	S00, S0	3RV1923-1FA00	2795.-	1
		82 mm	S2	3RV1933-1GA00	9110.-	1

LP - List Price

Accessories for 3RV2 / 3RV1

Door-coupling rotary operating mechanism

Description	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, padlocking facility. Extension shaft 300mm (fixed coupler) Breaker operating kit & front drive for size	S00, S0	3RV19261B-Z@	4490.-	1
	S2	3RV19361B-Z@	4955.-	1
	S3$	3RV19461B-Z@	6520.-	1
Front drive – fixed coupler (available as spare)	S00, S0, S2, S3	8UC626#	1470.-	1

@ One set available with breaker operator kit and 8UC front drive together

MRP

$ To use door-operating mechanism, on 3RV2 - Size S3, the knob attachment on breaker must be disassembled.

Busbar accessories

Type of accessory	Version	Conductor cross-section			For MPCB size	Type	Unit LP ₹	Std. pkg. (nos.)
		Solid or stranded	Finely stranded with end sleeve	AWG cable, solid or stranded				
		mm²	mm²	AWG				
3-phase Infeed terminals	Connection from top	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2925-5AB	2175.-	1
		2 x (2.5 ... 50)2)	2 x (2.5 ... 35)2)	2 x (10.. 1/0)2)	3RV2 S2	3RV2935-5A	2290.-	1
		1 x (2.5 ... 70)2)	1 x (2.5 ... 50)2)	1 x (10 ... 2/0)2)				
	Connection from bottom*	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2915-5B		1

* This terminal is connected in place of a switch, please take the space requirement into account.

2) If two different conductor cross-sections are connected to one clamping point, both cross-sections must be in the range specified.

Accessories for 3RV2 / 3RV1

Busbar accessories

Type of accessory[1]	Modular spacing mm	Number of MPCBs that can be connected: Without lateral accessories	With lateral auxiliary switch	Incl. auxiliary release	Current rating at 690V A	For MPCB size *	Type	Unit LP ₹	Std. pkg. (nos.)
3-phase busbar system	45[3]	2	–	–	63	S00, S0	3RV1915-1AB	1845.-	1
		3	–	–		S00, S0	3RV1915-1BB	1970.-	1
		4	–	–		S00, S0	3RV1915-1CB	2795.-	1
		5	–	–		S00, S0	3RV1915-1DB	3165.-	1
	55[4]	–	2	–		S00, S0	3RV1915-2AB	1880.-	1
		–	3	–		S00, S0	3RV1915-2BB	1970.-	1
		–	4	–		S00, S0	3RV1915-2CB	2685.-	1
		–	5	–		S00, S0	3RV1915-2DB	3165.-	1
		2			108	S2	3RV1935-1A	2700.-	1
		3					3RV1935-1B	3395.-	1
		4					3RV1935-1C	4155.-	1
	63[5]	–	–	2	63	S00, S0	3RV1915-3AB	2430.-	1
		–	–	4		S00, S0	3RV1915-3CB	3175.-	1
	75[5]	–	2	2	108	S2	3RV1935-3A	4155.-	1
		–	3	3			3RV1935-3B	3865.-	1
		–	4	4			3RV1935-3C	5465.-	1
Covers for connection tags (Touch protection for empty positions)						S00, S0	3RV1915-6AB	280.-	10
						S2	3RV1935-6A	500.-	5

1) Not suitable for 3RV21 MPCBs with overload relay function
3) Auxiliary releases and lateral auxiliary switches cannot be used in combination.
4) For 3RV2 MPCB with auxiliary switches 2 NO and 2 NC mounted on the left (9 mm wide).
5) For 3RV2 MPCB with mounted accessories (18 mm wide). Auxiliary switches with 2 NO + 2 NC or signaling switch (mounted on the left) or with auxiliary release (mounted on the right).

* Approved for motor starter protectors size S0 , up to 32 A.

Mounting accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Scale covers, for covering the set current scale		3RV20, 3RV21,3RV24: S00 ... S2	3RV2908-0P	160.-	10
Covers for devices with box terminals	2 units required per device (Main current level)	3RV2 S2	3RT2936-4EA2	275.-	1

SIEMENS

Continuing the Legacy...

3VS Motor Protection Circuit Breakers

www.siemens.co.in

MPCBs for motor protection

Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	4905.-	3VS1300-1MB00	5880.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00	5940.-	1
0.4 - 0.6	3VS1300-0ME00	5710.-	3VS1300-1ME00	6690.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00	6945.-	1
1 - 1.6	3VS1300-0MG00	5755.-	3VS1300-1MG00	7015.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	6020.-	3VS1300-1NH00	7075.-	1
2.4 - 4	3VS1300-0MJ00		3VS1300-1MJ00		1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00		3VS1300-1MK00		1
5 - 8	3VS1300-0NK00		3VS1300-1NK00	7145.-	1
6 - 10	3VS1300-0ML00	6080.-	3VS1300-1ML00		1
8 - 13	3VS1300-0NL00	6985.-	3VS1300-1NL00	7845.-	1
10 - 16	3VS1300-0MM00	7315.-	3VS1300-1MM00	8210.-	1
14 - 20	3VS1300-0MN00	7455.-	3VS1300-1MN00	8365.-	1
18 - 25	3VS1300-0MP00	8315.-	3VS1300-1MP00	8925.-	1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	1430.-	1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	1650.-	1
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15	3915.-	1
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55 3VU9132-0AB50 3VU9132-0AB73	3875.- 3915.- 3915.-	1 1 1
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00	1055.-	1

3TF-3VS Connector**

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13	0.16 to 20A	3TF30 / 31	9 / 12 A	3TS9001-8K	465.-	1
3VS13	6 to 25A	3TF32 / 33	16 / 22A	3TS9002-8K	555.-	1

** For more details refer page no. 38

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Three-phase busbar for 3VS13 only	In feed terminal (63 A)	3VU9135-1BB01	1960.-	1
	busbars for 2 MPCBs	3VU9135-1AB02	1570.-	1
	busbars for 3 MPCBs	3VU9135-1AB03	1895.-	1
	busbars for 4 MPCBs	3VU9135-1AB04	2435.-	1
	busbars for 5 MPCBs	3VU9135-1AB05	2740.-	1
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ 3VU9133-Z@ ■ 3VU9163-Z@	2875.- 3180.-	1 1
Front drive for 3VS	Fixed coupler	■ 8UC616#	1265.-	1

@ 1 set available with breaker operator kit and 8UC front drive together

MRP

■ Stock items

Please order in multiples of standard packing.

LP - List Price

SIRIUS 3RW soft starters

As diverse as your tasks.

The strong, harmonized portfolio of soft starters is suited to a wide range of standard – and also Failsafe and ATEX – applications thanks to comprehensive and specific functions. Benefit from intelligent functions such as condition monitoring, automatic parameterization, pump cleaning and integrated braking functions, regardless of the industry you are in.

Strong portfolio

Comprehensive, coordinated soft starter portfolio for simple to demanding starting: Basic, General, High Performance

Efficient switching

Energy-efficient switching and mechanical protection of the drive train thanks to soft starter with hybrid switching technology

Intelligent use

Concentrated, application-specific functionality thanks to intelligent features such as automatic parameterization, pump cleaning and condition monitoring

Ready for the digital future

Support for digital engineering processes with tools and data. Data provision for local visualization or cloud-based analysis

SIRIUS 3RW

Strong, comprehensive portfolio with a wide range of possibilities thanks to a flexible design.

For more information, see www.siemens.com/softstarters

Digitalization

The 3RW soft starters help you to realize the full potential of digitalization. This is particularly beneficial when it comes to economic efficiency.

Your application in focus

Pump cleaning and pump stopping mode

The pump cleaning function prevents pumps from blocking and therefore increases your productivity and system availability. The pump stopping mode avoids mechanical stress in the piping system and extends the service life of the equipment.

Electrical ruggedness

Due to the wide control voltage range from 110 to 250 V AC, soft starters have a high degree of electrical ruggedness. This guarantees reliable operation even in the event of falling voltages.

Condition monitoring

The condition monitoring function supports optimal planning of maintenance work on bearings or seals, thereby maximizing availability.

Automatic parameterization

Automatic parameterization simplifies the commissioning and operation of critical applications considerably, even in the case of highly dynamic load characteristics.

Integrated braking functions

Intelligent functions such as soft starter braking ensure a fast and reliable stop without engineering and configuration work.

Digital soft starters - SIRIUS 3RW30/40/50

3RW30
From 1.5 - 55 kW
- Compact design
- Integrated bypass contact system
- Soft start
- Innovative 2-phase "Polarity Balancing" operation

3RW40
From 5.5 - 55 kW
- Soft start, soft stop, adjustable current limit.
- Integrated bypass contact system
- Integrated microprocessor based overload relay with adjustable trip class 10/15/20.
- Intrinsic device protection to protect against thermal overloading of thyristors.
- Integrated state and fault monitoring
- Innovative 2-phase "Polarity Balancing" operation

NEW

3RW50
From 75 to 315 kW
- Soft starting and smooth ramp-down due to soft torque function
- Hybrid-switching technology with 2-phase control
- Parameterization via rotary coding switches
- ATEX/IECEx certified – hence suitable for motors in potentially explosive atmosphere
- Optional HMI modules and communication modules (external connection)
- Optional TIA integration

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200-480	1.5	3.6/3.3/3	3RW3013-1BB$4	19710.-	1
200-480	3	6.5/6/5.5	3RW3014-1BB$4	22870.-	1
200-480	4	9/8/7	3RW3016-1BB$4	26210.-	1
200-480	5.5	12.5/12/11	3RW3017-1BB$4	31045.-	1
200-480	7.5	17.6/17/14	3RW3018-1BB$4	37365.-	1
200-480	11	25.3/23/21	3RW3026-1BB$4	41270.-	1
200-480	15	32.2/29/26	3RW3027-1BB$4	53905.-	1
200-480	18.5	38/34/31	3RW3028-1BB$4	67305.-	1
200-480	22	45/42/39	3RW3036-1BB$4	73240.-	1
200-480	30	65/58/53	3RW3037-1BB$4	99630.-	1
200-480	37	72/62.1/60	3RW3038-1BB$4	122675.-	1
200-480	45	80/73/66	3RW3046-1BB$4	137550.-	1
200-480	55	106/98/90	3RW3047-1BB$4	152425.-	1

$ Order No. supplement for rated control supply voltage Us • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	12.5 / 11 / 10	3RW4024-1BB$4	54225.-	1
200...480	11	25 / 23 / 21	3RW4026-1BB$4	66995.-	1
200...480	15	32 / 29 / 26	3RW4027-1BB$4	82985.-	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB$4	102135.-	1
200...480	22	45 / 42 / 39	3RW4036-1BB$4	115790.-	1
200...480	30	63 / 58 / 53	3RW4037-1BB$4	136755.-	1
200...480	37	72 / 62 / 60	3RW4038-1BB$4	154975.-	1
200...480	45	80 / 73 / 66	3RW4046-1BB$4	174735.-	1
200...480	55	106 / 98 / 90	3RW4047-1BB$4	194500.-	1

$ Control Voltage Code: • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

For ordering 3RW40 soft starters with thermistor protection in the above range:
– Change the 9th digit in the type reference to 'T' from 'B'. Contact Sales office for prices.

NEW

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200 ... 480	75	143 / 128	3RW5055-6AB$4	219950.-	1
200 ... 480	90	171 / 153	3RW5056-6AB$4	271715.-	1
200 ... 480	110	210 / 186	3RW5072-6AB$4	302620.-	1
200 ... 480	132	250 / 220	3RW5073-6AB$4	310515.-	1
200 ... 480	160	315 / 279	3RW5074-6AB$4	375225.-	1
200 ... 480	200	370 / 328	3RW5075-6AB$4	414025.-	1
200 ... 480	250	470 / 416	3RW5076-6AB$4	452840.-	1
200 ... 480	315	570 / 504	3RW5077-6AB$4	484075.-	1

$ Control Voltage Code: • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

– For 3RW50 with operating voltage Ue 200...600V AC: Change the last digit of MLFB from "4" to "5".
– For 3RW50 with thermistor motor protection change the 9th digit of MLFB from "A" to "T"
– Contact Sales office for prices

SIRIUS 3RW52-Standard Applications

From 5.5 - 315kW

- Main Voltage: 200-480V & 200-600V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 10A, 10E, 20E
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: Standard and High features HMI (Optional)

Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5213-1AC$4	91585.-	1
200...480	7.5	15	18/15.9	3RW5214-1AC$4	101765.-	1
200...480	11	18.5	25/22.3	3RW5215-1AC$4	117015.-	1
200...480	15	22	32/28.4	3RW5216-1AC$4	123675.-	1
200...480	18.5	30	38/33.5	3RW5217-1AC$4	145770.-	1
200...480	22	45	47/41.6	3RW5224-1AC$4	154590.-	1
200...480	30	55	63/55.5	3RW5225-1AC$4	185525.-	1
200...480	37	75	77/68	3RW5226-1AC$4	220850.-	1
200...480	45	90	93/82.5	3RW5227-1AC$4	278250.-	1
200...480	55	110	113/101	3RW5234-6AC$4	322435.-	1
200...480	75	132	143/128	3RW5235-6AC$4	353355.-	1
200...480	90	160	171/151	3RW5236-6AC$4	364745.-	1
200...480	110	200	210/186	3RW5243-6AC$4	377050.-	1
200...480	132	250	250/220	3RW5244-6AC$4	409380.-	1
200...480	160	315	315/279	3RW5245-6AC$4	441685.-	1
200...480	200	355	370/328	3RW5246-6AC$4	521190.-	1
200...480	250	400	470/416	3RW5247-6AC$4	592525.-	1
200...480	315	560	570/504	3RW5248-6AC$4	750850.-	1

$ Control voltage code: • 24V AC/DC **0** • 110----250 V AC **1**

* – For 3RW52 with operating voltage Ue 200...600V AC - change the last digit of MLFB from "4" to "5".
– For 3RW52 with thermistor motor protection, change the 9th digit of MLFB from "A" to "T"
– Contact Sales office for prices

Note: Commissioning service is available at extra cost.

In the event of deviating conditions or higher switching frequency, it may be necessary to choose a larger unit.

Siemens recommends use of selection and simulation program Simulation Tool for Soft Starters (STS).

Refer technical specifications for more details.

For more details, please visit: www.siemens.com/softstarter

Soft Starter selection made handy!

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3RW55: for heavy duty and high end applications

From 5.5 - 315 kW

NEW

- Main Voltage:200-480V & 200-690V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 5/10/15/20/30
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: High features HMI
- Optionally available Failsafe Variant
- With unique Autoparameterisation feature

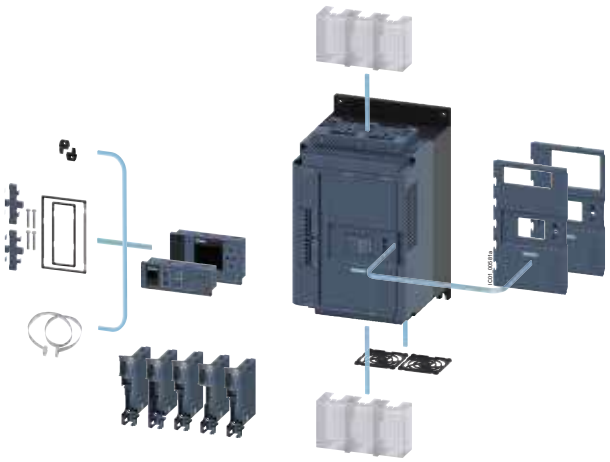
Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5513-1HA$4	112500.-	1
200...480	7.5	15	18/15.9	3RW5514-1HA$4	119680.-	1
200...480	11	18.5	25/22.3	3RW5515-1HA$4	140805.-	1
200...480	15	22	32/28.4	3RW5516-1HA$4	165650.-	1
200...480	18.5	30	38/33.5	3RW5517-1HA$4	195250.-	1
200...480	22	45	47/41.6	3RW5524-1HA$4	207065.-	1
200...480	30	55	63/55.5	3RW5525-1HA$4	248485.-	1
200...480	37	75	77/68	3RW5526-1HA$4	295805.-	1
200...480	45	90	93/82.5	3RW5527-1HA$4	372710.-	1
200...480	55	110	113/101	3RW5534-6HA$4	431870.-	1
200...480	75	132	143/128	3RW5535-6HA$4	473310.-	1
200...480	90	160	171/151	3RW5536-6HA$4	488550.-	1
200...480	110	200	210/186	3RW5543-6HA$4	505040.-	1
230...480	132	250	250/220	3RW5544-6HA$4	548335.-	1
230...480	160	315	315/279	3RW5545-6HA$4	591595.-	1
230...480	200	355	370/328	3RW5546-6HA$4	698095.-	1
230...480	250	400	470/416	3RW5547-6HA$4	793650.-	1
230...480	315	560	570/504	3RW5548-6HA$4	1005725.-	1
200...480	355	630	630/561	3RW5552-6HA$4	1329335.-	1
200...480	400	710	720/641	3RW5553-6HA$4	Upon Request	1
200...480	450	800	840/748	3RW5554-6HA$4		1
200...480	560	1000	1100/979	3RW5556-6HA$4		1
200...480	710	1200	1280/1139	3RW5558-6HA$4		1

$ Control voltage code:
- 24V AC/DC **0**
- 115----250 V AC **1**

– For 3RW55 with operating voltage Ue 200...690V AC: Change the last digit of MLFB from "4" to "5".
– For 3RW55 with fail safe variant: Change the 10th digit of MLFB from "A" to "F" (available up to 315kW)
– Contact Sales office for prices

Accessories for 3RW55/3RW52

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Profibus communication module		3RW5980-0CP00	57775.-	1
ProfiNET communication module		3RW5980-0CS00	65000.-	1
Modbus TCP		3RW5980-0CT00	57775.-	1
External display - Standard HMI		3RW5980-0HS00	20240.-	1
External display - High Featured HMI		3RW5980-0HF00	58460.-	1
PROFINET High-Feature module 3RW55 system redundancy S2		3RW5950-0CH00	77050.-	1
Connection cable for Door Mounting of HMI display module	(5 mtr - Flat)	3RW5980-0HC60	14035.-	1
	(0.1 mtr - Flat)	3UF7931-0AA00-0	1670.-	1
	(0.5 mtr - Flat)	3UF7932-0BA00-0	5000.-	1
	(1 mtr - Round)	3UF7937-0BA00-0	5555.-	1
	(2.5 mtr - Round)	3UF7933-0BA00-0	5975.-	1
SIRIUS Soft Starter ES V18 Professional	License key on USB flash drive	3ZS1320-6CC14-0YA5	147080.-	1
SIRIUS Soft Starter ES V19 Professional	License key downloaded	3ZS1320-6CE15-0YB5	139340.-	1



Note: Commissioning service is available at extra cost.

Siemens recommends use of selection and simulation program Simulation Tool for Soft Starters (STS).

For more details, please visit: www.siemens.com/softstarter

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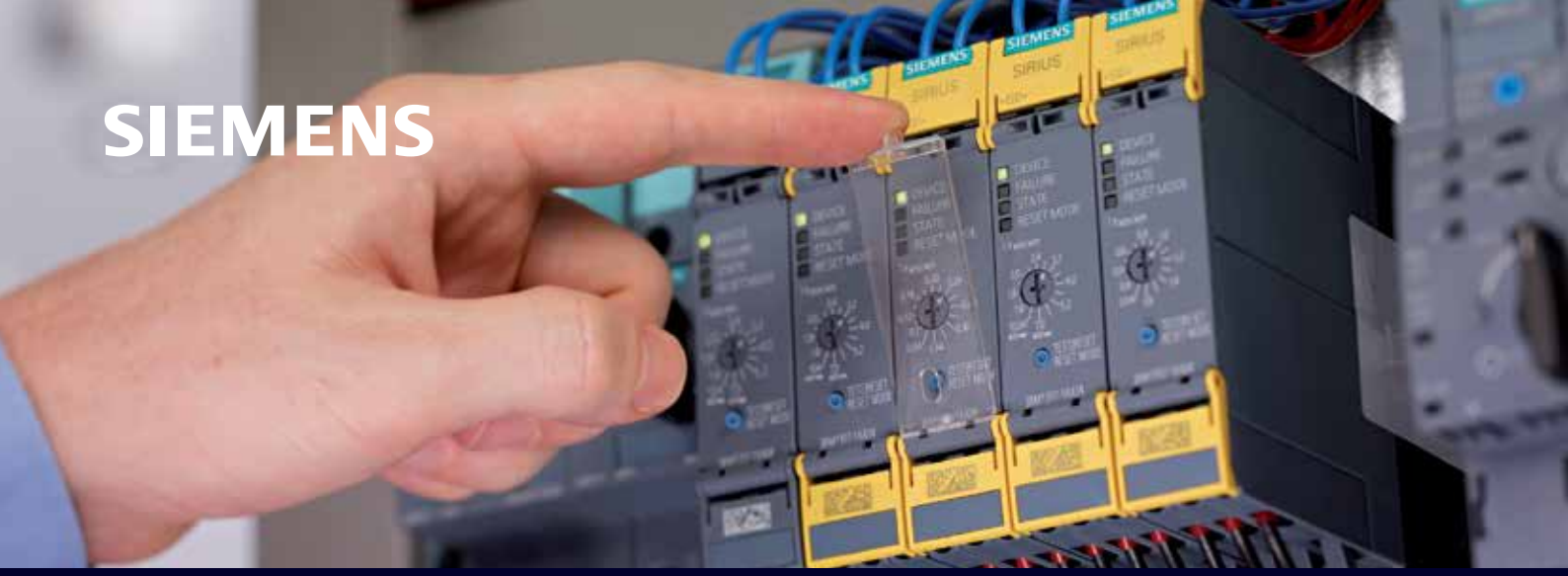

Start-up with a small footprint – **SIRIUS 3RM1 Motor Starter**

Multifunctional with a width of just 22.5mm

www.siemens.co.in

3RM1 Compact Starters – DOL and RDOL

Rated operational voltage Ue	Description	Type	Unit LP ₹
48--500V	DOL, upto 0.12KW	**3RM10011AA.4**	**36845.-**
48--500V	DOL, 0.09 to 0.75KW	**3RM10021AA.4**	**36845.-**
48--500V	DOL, 0.55 to 3KW	**3RM10071AA.4**	**36845.-**
48--500V	RDOL, upto 0.12KW	**3RM12011AA.4**	**40110.-**
48--500V	RDOL, 0.09 to 0.75KW	**3RM12021AA.4**	**40110.-**
48--500V	RDOL, 0.55 to 3KW	**3RM12071AA.4**	**40110.-**

Control voltage code @50Hz: • 24V AC/DC **0** • 110---230V AC,110V DC **1**

Accessories

Description	Type	Unit LP ₹
3-phase busbar for 2 3RM1	**3RM19101AA**	**Upon Request**
3-phase busbar for 3 3RM1	**3RM19101BA**	**Upon Request**
3-phase busbar for 5 3RM1	**3RM19101DA**	**Upon Request**
CAP for busbar of 3RM1	**3RM19106AA**	**Upon Request**
3-PHASE FEED-IN TERMINAL 3RM1	**3RM19201AA**	**Upon Request**

RAJA+ Agriculture Starters & Controllers

Soch Nayi, Vishwaas Wahi!

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GSM Starters & Controllers
Smart, Efficient & Sustainable

- Complete Range for all Agricultural Applications
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- Easy to Install Just Plug & Play
- Complete Wireless Operation
- Built In Protection against all major Faults
- Anti Theft Feature

Combine it with our unique Android-based Application to further enhance your smart farming experience.

- Complete pump operation status in one place/one touch
- In built scheduler for flexible On/Off timings
- Compliant to all date privacy and security laws

SIEMENS

Agriculture Starters

DOL

Starter in S. S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type [1] (DOL)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
0.33	0.25	3TW72911A.64	0.63-1	3250.-	1
0.75	0.55	3TW72911A.66	1-1.6	3250.-	1
1	0.75	3TW72911A.68	1.6-2.5	3250.-	1
1.5	1.1	3TW72911A.69	2-3.2	3250.-	1
2	1.5	3TW72911A.71	3.2-5	3250.-	1
3	2.2	3TW72911A.72	4-6.3	3250.-	1
5	3.7	3TW72911A.74	6.3-10	3250.-	1
–	–	3TW72911A.75	8-12.5	3250.-	1
7.5	5.5	3TW72911A.77	10-16	3470.-	1
10	7.5	3TW72911A.78	12.5-20	3595.-	1

[1] Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

For RAJA+ DOL Starters 3TW72931A... (0.33-5HP) with 18A contactor are IEC 60947-4-1: 2012 compliant without ISI mark

Star Delta

Automatic starter in S.S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type [4] (ASD)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
10	7.5	3TE72910AW74	6.3-10	14350.-	1
12.5	9.3	3TE72910A.75	8-12.5	15055.-	1
15	11	3TE72910A.77	10-16	15450.-	1
20	15	3TE72910A.78	12.5-20	18140.-	1
25	18.5	3TE72910A.79	16-25	20815.-	1

[4] Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

Industrial Starters

DOL

DOL Starter in S.S.housing (without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type [2] (DOL)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
15	11	3TW7493-2AR0*	3US5200-2C8K (16-25A)	9455.-	1
20	15	3TW7494-2A..	3US5600-2D8K (20-32A)	11955.-	1
25	18.5	3TW7495-2A..	3US5600-2Q8K (25-36A)	13655.-	1
30	22	3TW7496-2A..	3US5800-2F8K (32-50A)	16845.-	1
40	30	3TW7497-2A..	3US5800-2T8K (40-57A)	21475.-	1
50	37	3TW7498-2A..	3US5800-2V8K (57-70A)	27855.-	1
60	45	3TW7499-2A..	3US5800-8Y8K (70-95A)	31175.-	1
75	55	3TW7590-2A..	3US5800-5C8K (85-105A)	36165.-	1

* Only coil voltage of 415V 50Hz available

[2] Enter code for coil voltage, 50Hz ("R0" for 415V, "P0" for 230V)

† 3TE75 have in-built birelay whereas 3TE74 doesn't have in-built birelay

For selection and LPs of spares for Industrial Starter contact sales

Star Delta

Automatic Star delta starter in S.S. housing (without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type [2] (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
30	22	3TE7493-2A..	3US5600-2C8K (16-25 A)	33670.-	1
40	30	3TE7494-2A..	3US5600-2D8K (20-32 A)	36285.-	1
50	37	3TE7495-2A..	3US5600-2R8K (32-40 A)	50670.-	1
60	45	3TE7496-2A..	3US5800-2F8K (32-50 A)	71875.-	1
75	55	3TE7497-2A..	3US5800-2T8K (40-57 A)	87950.-	1

Automatic Star delta starter in S.S. housing (With in-built birelay)

Motor rating at 415V, 3ph, 50Hz		Type [2] (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
100	75	3TE7594-2AR0*†	3US58 00-8Y8K (70-95A)†	125165.-	1
125	90	3TE7595-2AR0*†	3US58 00-8Y8K (70-95A)†	128860.-	1
150	110	3TE7596-2AR0*†	3US58 00-5D8K (95-120A)†	130690.-	1
180	132	3TE7597-2AR0*†	3US62 20-5B8K (115-180A)†	139890.-	1

MRP - Maximum Retail Price

LP - List Price

Spares for starters

Spares for 3TW7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactor for 200-400V	**3TS3010-0AZ608KA0**	**1670.-**	**1**
Contactor for 200-400V	**3TS3210-0AZ608KA0**	**2180.-**	**1**
Contactor for 415V	**3TS3010-0AR008KA0**	**1670.-**	**1**
Contactor for 415V	**3TS3210-0AR008KA0**	**2180.-**	**1**
Relay	**3UW5102-##**	**Price on request**	**1**
Coil for 200-400V	**3TY7403-0AZ6**		**10**
Coil for 415V	**3TY7403-0AR0**		**10**

The spares shall be used with starters only.

Code for 3UW51/52 relay range

Relay range	0.63-1	1-1.6	1.6-2.5	2-3.2	3.2-5	4-6.3	6.3-10	8-12.5	10-16	12.5-20	16-25
Code	0J	1A	1C	1D	1F	1G	1J	1K	2A	2B	2C

Spares for 3TE7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactor for 200-400V	**3TS3010-0AZ608K**	**1580.-**	**1**
Contactor for 415V	**3TS3010-0AR008K**	**1580.-**	**1**
Contactor for 200-400V	**3TS3210-0AZ608K**	**2080.-**	**1**
Contactor for 415V	**3TS3210-0AR008K**	**1950.-**	**1**
Contactor for 200-400V	**3TS3300-0AZ608K**	**2775.-**	**1**
Contactor for 415V	**3TS3300-0AR008K**	**2505.-**	**1**
Relay	**3UW5102-##**	**Price on request**	**1**
Relay	**3UW5202##**		**1**
Coil for 200-400V	**3TY7403-0AZ6**		**10**
Coil for 415V	**3TY7403-0AR0**		**10**

Bi Relay for 3TW74 & 3TE74 Starters

Type	Range	Unit LP ₹	Std. pkg. (nos.)
3US5200-2C8K	16-25A	**2995.-**	**1**
3US5600-2D8K	20-32A	**4710.-**	**1**
3US5600-2Q8K	25-36A	**4710.-**	**1**
3US5800-2T8K	40-57A	**6335.-**	**1**
3US5800-2V8K	57-70A	**7920.-**	**1**
3US5800-8Y8K	70-95A	**7920.-**	**1**
3US5800-5C8K	85-105A	**8410.-**	**1**
3US5600-2C8K	16-25 A	**4400.-**	**1**
3US5600-2R8K	32-40 A	**4925.-**	**1**
3US5800-2F8K	32-50 A	**6025.-**	**1**
3US5800-5D8K	95-120A	**8010.-**	**1**
3US6220-5B8K	115-180A	**14285.-**	**1**

Water level controller

Description			Type	Unit MRP ₹	Std. pkg. (nos.)
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	**7UG0885-1JU20**	**2550.-**	**1**
Sensor for water level controller relay	Pack of 3 sensor		**7UG0985-0YY00**	**765.-**	**1**

MRP - Maximum Retail Price

LP - List Price

Electronic timers - 3RP

Function	Time range	Input voltage		Type	Unit LP ₹	Std. pkg (nos.).
		AC (50/60Hz)	DC			
On-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ **3RP1511-1AQ308K** ■ **3RP1511-1AP308K**	**3105.-**	**1** **1**
	5 – 100 sec	24/100-127 24/200-240	24 24	■ **3RP1513-1AQ308K** ■ **3RP1513-1AP308K**	**3120.-**	**1** **1**
	0.05 sec to 100 Hrs. (15 time setting ranges)	24/100-127 24/200-240	24 24	■ **3RP1525-1AQ308K** ■ **3RP1525-1AP308K**	**4575.-**	**1** **1**
		24 to 240	24 to 240	■ **3RP1525-1BW308K#**	**6175.-**	**1**
Off-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ **3RP1531-1AQ308K** ■ **3RP1531-1AP308K**	**4120.-**	**1** **1**
	5 – 100 sec	24/100-127 24/200-240	24 24	■ **3RP1533-1AQ308K** ■ **3RP1533-1AP308K**	**4185.-**	**1** **1**
Multi-function with 1C/O contacts	0.05 sec to 100 Hrs. (15 time setting ranges)	24 - 240	24 - 240	■ **3RP1505-1AW308K**	**6375.-**	**1**
	Label set - 8 functions (On delay, Off delay, On+Off delay, flashing, pulse make contact, pulse break contact, pulse shaping and additive ON delay)			**3RP1901-0A8K***	**1340.-**	**1 pack**
Star-Delta 1NO inst & 1NO delayed	1 – 20 sec	200-240 / 380-440V AC		**3RP1574-1NM208K**	**3145.-**	**1**
	3 – 60 sec	24/100-127	24	■ **3RP1576-1NQ308K**	**3220.-**	**1**
		24/200-240	24	■ **3RP1576-1NP308K**	**3220.-**	**1**
		200-240/380-440V AC		■ **3RP1576-1NM208K**	**3315.-@**	**1**
		230-400V AC		■ **3RP1576-1NP208K**	**3315.-@**	**1**
Push-in lug (for mounting 3RP timer with screws)				**3RP19038K** (1 pack = 10 pcs)	**280.-**	**1 pack**

with 2C/O contacts $ Price per pack * 1 pack consists of 1 label set

For 7PV0 timer portfolio refer page no. 75

@ Prices mentioned are at MRP

3RR2 Current monitoring relays

The relays can be installed as a stand-alone unit using the suitable terminal bracket.

Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Basic Version					
S00	1.6...16	24V AC/DC	**3RR2141-1AA30**	**17440.-**	**1**
	1.6...16	24...240V AC/DC	**3RR2141-1AW30**	**18995.-**	**1**
S0	4 ... 40	24V AC/DC	**3RR2142-1AA30**	**21950.-**	**1**
	4 ... 40	24...240V AC/DC	**3RR2142-1AW30**	**23433.-**	**1**

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Standard Version					
S00	1.6...16	24V AC/DC	**3RR2241-1FA30**	**35585.-**	**1**
	1.6...16	24...240V AC/DC	**3RR2241-1FW30**	**38760.-**	**1**
S0	4 ... 40	24V AC/DC	**3RR2242-1FA30**	**41950.-**	**1**
	4 ... 40	24...240V AC/DC	**3RR2242-1FW30**	**44480.-**	**1**

For ordering terminal bracket for stand alone installation please refer page no. 47

*For ordering current monitoring relay 3RR with spring type terminals, please replace 8th digit from '1' to '2'

Line monitoring relays - 3UG

NEW

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	**3UG5512-1AR20**	**21360.-**	**1**
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	**3UG5514-1BR20**	**32255.-**	**1**
Yes	Yes	Yes	90-690V	90-690V	Off delay 0.1-30 s	Yes	2 CO	90-690V	**3UG5616-1CR20**	**36670.-**	**1**

■ **Stock items**

LP - List Price

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage Us[1]	Type	Unit LP ₹	Std. pkg (nos.).
		CO	V AC			
--	Phase Sequence Monitoring 3 Phase	1	200...690	3UG5511-1AR20	21080.-	1
		2		3UG5511-1BR20	23505.-	1
--	Monitoring of phase sequence, phase failure and phase unbalance	2	200...690	3UG5512-1BR20	24705.-	1
--	Digitally adjustable monitoring relay phase failure, phase sequence, asymmetry,frequency, over- and under-voltage monitoring 3x 90-690 V AC, 15-70 Hz	2	120...690	3UG5616-1CR20	36670.-	1
p.f. 0.1 & active current I_{res} 0.1...2.0A	Digital Power factor and active current monitoring (p.f. range 0.1 to 0.99 & & active current Ires 0.2-10A) ON-delay 0-99s, OFF-delay 0.1-20s)	2	90...690	3UG4641-1CS20	36670.-	1
0.1...150V	Digital Voltage Monitoring Relay range 17 to 275V AC/DC spikedelay 0.1 to 20 sec	1	Self Powered	3UG4633-1AL30	28045.-	1
0.1...300V	Digital Voltage Monitoring Relay range10...600V AC/DC, Delay 0.1..20sec	1	24...240V AC/DC	3UG4632-1AW30	29905.-	1
--	#Level Monitoring Relay sensitivity 2KΩ to 200KΩ. Tripping delay 0.1...10sec	1	24...240V AC/DC	3UG4501-1AW30	19930.-	1

1) Absolute limit values

3) LSB: Smallest adjustable value, transformer-dependent, ≤ 1 % of IΔn.

Level monitoring relays must be ordered along with electrodes, for different level controls variety of electrodes are available, for more details refer IC10.

Thermistor motor protection relay - 3RN2

Type of Thermistor	Reset	Contacts	Control Supply voltage	Type	Unit LP ₹	Std. pkg. (nos.)
PTC type A	Auto	1CO	24V-240V AC/DC	3RN2000-1AW30	10090.-	1

Insulation monitoring relay -3UG

Measuring Range Ue kΩ	Function	Measurable Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
1-110	Insulation monitors for ungrounded AC networks (control supply voltage 24-240V AC/DC)	0 ... 400V AC	3UG4581-1AW31	49905.-	1
		0 ... 250 AC	3UG4582-1AW31	45325.-	1
1-110	Insulation monitors for ungrounded DC & AC networks	0 ... 400 AC, 0 ... 600 DC[1]	3UG4583-1CW31	99865.-	1
	Voltage reducer modules	Extending the mains voltage range to max. 690 V AC and 1000 V DC	3UG4983-1AA01	53480.-	1

1) With 3UG4983-1AA01 voltage reducer module suitable also for the insulation monitoring of IT networks up to 690 V AC and 1000 V DC.

Timing and Monitoring Relays

Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset

for more info scan QR code

Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)

7UG0 monitoring relays

Description			Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered	3Ph-3W	7UG0712-1AA20	1825.-	1
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	4275.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	3920.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	3115.-	1
Current Monitoring relay	230 V AC	1Ph-2W	7UG0822-1AD20	4825.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	6160.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	5865.-	1
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	6500.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	6570.-	1
CBCT for ELR		35mm	7UG09-96	2365.-	1
		70mm	7UG09-97	2705.-	1
		120mm	7UG09-99	4605.-	1
		210mm	7UG0 994*	8855.-	1
		310mm	7UG0 995*	13200.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	6720.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	2320.-	1
	Core Balance CT 160 frame, 4P		7UG09911	2645.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	2800.-	1
	Core Balance CT 250 frame, 4P		7UG09913	3300.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	4125.-	1
	Core Balance CT 630 frame, 4P		7UG09915	4470.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	25735.-	1
	12 Stage with LCD display		7UG0572-1GT20	27570.-	1
	12 stage with LED display		7UG0572-1GT21	15765.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output		7UG0 480-1IU20	4930.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	2550.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	765.-	1
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	2970.-	1

7PV0 timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	1805.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	3540.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	2365.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in TI - GREY NEW

RoHS Compliant

Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation

Relay		Standard Features	Control supply voltage* (V)		Type	Unit LP ₹	Std. pkg. (nos.)
1CO							
	6A 5 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0AC00	400.-	10
				48	7RQ0100-0AD00	530.-	10
				110	7RQ0100-0AE00	720.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	505.-	10
				48	7RQ0100-0AN10	720.-	10
				110	7RQ0100-0AP10	750.-	10
				230	7RQ0100-0AR10	770.-	10
2CO							
	6A 8 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0BC00	550.-	10
				48	7RQ0100-0BD00	660.-	10
				110	7RQ0100-0BE00	710.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	640.-	10
				48	7RQ0100-0BN10	710.-	10
				110	7RQ0100-0BP10	725.-	10
				230	7RQ0100-0BR10	740.-	10
2CO							
	10A 8 pin	• LED indicator	DC	24	7RQ0110-0BC00	710.-	10
				48	7RQ0110-0BD00	870.-	10
				110	7RQ0110-0BE00	940.-	10
		• LED indicator	AC	24	7RQ0110-0BM00	850.-	10
				48	7RQ0110-0BN00	955.-	10
				110	7RQ0110-0BP00	940.-	10
				230	7RQ0110-0BR00	975.-	10
3CO							
	10A 11 pin	• LED indicator	DC	24	7RQ0100-0CC00	910.-	10
				48	7RQ0100-0CD00	955.-	10
				110	7RQ0100-0CE00	1110.-	10
		• LED indicator	AC	24	7RQ0100-0CM00	965.-	10
				48	7RQ0100-0CN00	1020.-	10
				110	7RQ0100-0CP00	1090.-	10
				230	7RQ0100-0CR00	1110.-	10
4CO							
	5A 14 pin	• LED indicator	DC	24	7RQ0100-0DC00	835.-	10
				48	7RQ0100-0DD00	875.-	10
				110	7RQ0100-0DE00	990.-	10
		• LED indicator	AC	24	7RQ0100-0DM00	870.-	10
				48	7RQ0100-0DN00	885.-	10
				110	7RQ0100-0DP00	965.-	10
				230	7RQ0100-0DR00	975.-	10

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
10A	PCB mounted	7RQ0202-1AX00	135.-	10
	Din rail mounting	7RQ0201-1AX00	240.-	10
2CO				
6A	PCB mounted	7RQ0202-1BX00	135.-	10
	Din rail mounting	7RQ0201-1BX00	315.-	10
2CO				
10A	PCB mounted	7RQ0212-1BX00	165.-	10
	Din rail mounting	7RQ0211-1BX00	405.-	10
3CO				
10A	Din rail mounting	7RQ0201-1CX00	550.-	10
4CO				
7A	PCB mounted	7RQ0202-1DX00	220.-	10
	Din rail mounting	7RQ0201-1DX00	385.-	10

*** Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V**

SIRIUS ACT

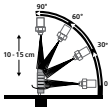
Performance in action

www.siemens.com/SIRIUS-Act

SIEMENS

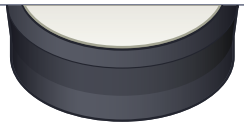
An overview of the variety

SIRIUS ACT products with standard IP69k.

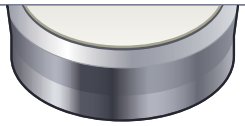


IP69k is the highest achievable rating and guarantees totally protection against dust, as well as high pressure, high temperature jets of water from multiple directions.

Body design lines and button colors



Black plastic, 22 mm Ø



Shiny metal, 22 mm Ø

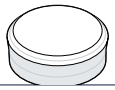
Push buttons

Push button mom. cont./latching

Push button raised

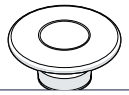
Push button raised front ring

Push button extended stroke



Sensor switch

Stop button



Mushroom push button, mom. contact/latching, pull to unlatch

Twin push button

Mushroom push button, mom. contact/latching

Emergency stop

Mushroom push button w. mech. position indicator

Mushroom push button, rot. to unl. 30, 40, 60 mm

Mushroom push button, illuminated

Mushroom push button, with lock release key

Selector switches

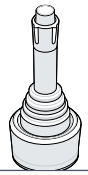
Rotary knob, 4 positions

Potentiometer

Toggle switch

Selector, short handle

Selector, long handle

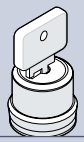


Coordinate switch

Key-operated switches

ID key-operated switch

BKS



O.M.R.

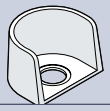
RONIS

Indicators

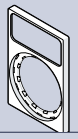
Indicator light, dual LED

Acoustic signaling device

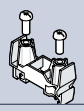
Accessories



Protective collar

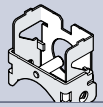


Label holder



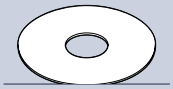
PCB holder

Protective cap



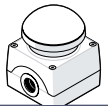
Locking device

Sealing plug

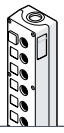


Backing plate

Enclosures



Palm push button



Enclosure 1, 2, 3, 4, 6 command points

A small selection of high demand models

Description	Plastic			Metal			Colour		
		Type	Unit LP ₹		Type	Unit LP ₹			
Pushbutton, 22 mm, round, flat momentary contact type		3SU1000-0AB_0-0AA0 ↑ Colour	980.-		3SU1050-0AB_0-0AA0 ↑ Colour	1270.-	1 2 3 4 5 6 7 8	Black Red Yellow Green Blue White Clear Gray
Illuminated pushbutton, 22 mm, round, flat momentary contact type		3SU1001-0AB_0-0AA0 ↑ Colour	1365.-		3SU1051-0AB_0-0AA0 ↑ Colour	1545.-	0 2 3 4 5 6 7	Amber Red Yellow Green Blue White Clear
Selector switch, 2 Position, illuminable, 22 mm, round, plastic, O-I, latching, actuating angle 90°, 10:30h/13:30h		3SU1002-2BF_0-0AA0 ↑ Colour	2125.-		3SU1052-2BF_0-0AA0 ↑ Colour	2370.-	1 2 3 4 5 6	Black Red Yellow Green Blue White
Selector switch, 3 position, illuminable, 22 mm, round switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h		3SU1002-2BL_0-0AA0 ↑ Colour	2125.-		3SU1052-2BL_0-0AA0 ↑ Colour	2370.-	1 2 3 4 5 6	Black Red Yellow Green Blue (only in plastic version) White
RONIS key-operated switch, 2 switch positions O-I, latching, actuating angle 90°		3SU1000-4BF01-0AA0	5180.-		3SU1050-4BF01-0AA0	5630.-		
RONIS key-operated switch, 3 switch positions I-O-II, latching, actuating angle 2x45°		3SU1000-4BL01-0AA0	5470.-		3SU1050-4BL01-0AA0	5935.-		
EMERGENCY STOP mushroom pushbutton, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1000-1HB20-0AA0	4120.-		3SU1050-1HB20-0AA0	4525.-		
EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1001-1HB20-0AA0	4320.-		3SU1051-1HB20-0AA0	5025.-		
Twin pushbutton, 22 mm, round, green: I, red: O, pushbuttons, flat and raised		3SU1000-3BB42-0AK0	2205.-		3SU1050-3BB42-0AK0	2680.-		
Indicator lights, 22 mm, round, lens, smooth		3SU1001-6AA_0-0AA0 ↑ Colour	805.-		3SU1051-6AA_0-0AA0 ↑ Colour	925.-	0 2 3 4 5 6 7	Amber Red Yellow Green Blue White Clear

⊕

Description		Type	Unit LP ₹		Type	Unit LP ₹	
Holder to be selected along with individual Actuating and Signaling Elements		Plastic Holder 3SU1500-0AA10-0AA0*	435.-	NEW	Universal Holder - Suitable for Plastic and Metal 3SU1550-0AA10-0AA0*	480.-	

Description			Type	Unit LP ₹
Contact Modules	1NO		3SU1400-1AA10-1BA0*	990.-
	1NC		3SU1400-1AA10-1CA0*	990.-
	1NO+1NC		3SU1400-1AA10-1FA0	1660.-
	2NO		3SU1400-1AA10-1DA0	2290.-
	2NC		3SU1400-1AA10-1EA0	2290.-

* MOQ - 5

Description			Type	Unit LP ₹	Colour		
LED Modules	24V AC/DC		3SU1401-1BB_0-1AA0 *	1545.-	0	Amber	
	110V AC		3SU1401-1BC_0-1AA0	2730.-	2	Red	
	230V AC		3SU1401-1BF_0-1AA0	2730.-	3	Yellow	
	6 ... 24 V AC/DC		3SU1401-1BG_0-1AA0	1860.-	4	Green	
	24 ... 240V AC/DC		3SU1401-1BH_0-1AA0 ↑ Colour	3300.-	5	Blue	
					6	White	

SIRIUS ACT

Innovative Technology...
Simple Installations...

SIRIUS ACT with PROFINET

NEW

SIRIUS ACT with PROFINET connects pushbuttons and indicator lights directly via PROFINET to the controller and HMI devices – including with safety functions

Description		Type	Unit LP ₹
Push Button and Signaling Devices			
Multiple version available		3SU10_ _-_ _ _ _-_ _ _ _	Refer Page no. 79
Holder to be selected along with individual Actuating and Signaling Elements	Plastic	3SU1500-0AA10-0AA0	435.-
	Universal	3SU1550-0AA10-0AA0	480.-
Profinet Interface Modules			
Standard IM, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LK10-1AA1	49075.-
Fail Safe IM F, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LL10-1BA1	76630.-
Profinet Terminal Modules			
With 2 contacts		3SU1400-1MA10-1BA1	7500.-
With 2 contacts and integrated LED		3SU1401-1MC_0-1CA1 ↑ Colour	7855.-
With integrated LED		3SU1401-1ME_0-1DA1 ↑ Colour	7260.-
Accessories			
Flat Ribbon Cable, 7-core		3SU1900-0KQ80-0AA0	1085.-

2 Contacts	2 Contacts with LED	LED	Colour		
			0	●	Amber
			2	●	Red
			3	●	Yellow
			4	●	Green
			5	●	Blue
			6	○	White

Modern Access Management

ID Key Operated Switches - Groups of employees or individuals can be authenticated by means of the ID key-operated switch. Color-coded keys for easy distinction between users.

Description			Type	Unit LP ₹
ID Key operated switches				
ID key-operated switches Number of switching positions: 4 Switch position for key removal: Key removal possible in all 4 positions		Plastic, black	3SU1000-4WS10-0AA0	11125.-
Holder Holder needs to be selected along with individual Actuating and Signaling Elements		Plastic	3SU1500-0AA10-0AA0	435.-

Description		Type	Unit LP ₹
Electronic Modules			
Electronic modules for ID key-operated switches		3SU1400-1GC10-1AA0	32145.-
ID Keys			
Green: ID Group 1		3SU1900-0FV40-0AA0	2080.-
Yellow: ID Group 2		3SU1900-0FW30-0AA0	
Red: ID Group 3		3SU1900-0FX20-0AA0	
Blue: ID Group 4		3SU1900-0FY50-0AA0	

SIRIUS 8WD46

Electronically configurable signaling column

NEW

SIEMENS

Indicating Lamps 3SB5

Compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5285-6HC01	400.-	10
		Green	■ 3SB5285-6HE01		10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	1005.-	10
		White	3SB5285-6HG01	400.-	10
		Yellow	3SB5285-6HD01		10
		Clear	3SB5285-6HH01		10
	30V DC @	Red	3SB5285-6HC13	445.-	10
		Green	3SB5285-6HE13		10
		Amber	3SB5285-6HL13		10
		Blue	3SB5285-6HF13	1150.-	10
		White	3SB5285-6HG13	445.-	10
		Yellow	3SB5285-6HD13		10
		Clear	3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	400.-	10
		Green	■ 3SB5285-6HE02		10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	1005.-	10
		White	3SB5285-6HG02	400.-	10
		Yellow	3SB5285-6HD02		10
		Clear	3SB5285-6HH02		10
	110 V DC@	Red	■ 3SB5285-6HC04	445.-	10
		Green	■ 3SB5285-6HE04		10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1150.-	10
		White	3SB5285-6HG04	445.-	10
		Yellow	3SB5285-6HD04		10
		Clear	3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	400.-	10
		Green	■ 3SB5285-6HE03		10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	1005.-	10
		White	3SB5285-6HG03	400.-	10
		Yellow	3SB5285-6HD03		10
		Clear	3SB5285-6HH03		10
	220 V DC@	Red	■ 3SB5285-6HC05	445.-	10
		Green	■ 3SB5285-6HE05		10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1150.-	10
		White	3SB5285-6HG05	445.-	10
		Yellow	3SB5285-6HD05		10
		Clear	3SB5285-6HH05		10

Now also available in 415V - Prices on request

Wide band compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 to 240 V AC & 24 to 220 V DC NEW	Red	■ 3SB5235-6HC14	670.-	10
		Green	■ 3SB5235-6HE14		10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1140.-	10
		White	3SB5235-6HG14	670.-	10
		Yellow	3SB5235-6HD14	880.-	10
		Clear	3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	130.-	10
	Green	■ 3SB5201-6BE00		10
	Amber	■ 3SB5201-6BL00		10
	Blue	■ 3SB5201-6BF00		10
	White	3SB5201-6BG00		10
	Yellow	3SB5201-6BD00		10
	Clear	3SB5201-6BH00		10

Illumination Module $ - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5400-7CC	340.-	10
		Green	■ 3SB5400-7CE	340.-	10
		Amber	■ 3SB5400-7CL	340.-	10
		Blue	■ 3SB5400-7CF	1080.-	10
		White†	3SB5400-7CG	340.-	10
		Yellow	3SB5400-7CD	340.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	340.-	10
		Green	■ 3SB5400-7EE	340.-	10
		Amber	■ 3SB5400-7EL	340.-	10
		Blue	■ 3SB5400-7EF	1080.-	10
		White†	3SB5400-7EG	340.-	10
		Yellow	3SB5400-7ED	340.-	10
	110 V DC@	Red	■ 3SB5400-7DC	340.-	10
		Green	■ 3SB5400-7DE	340.-	10
		Amber	■ 3SB5400-7DL	340.-	10
		Blue	■ 3SB5400-7DF	1080.-	10
		White†	3SB5400-7DG	340.-	10
		Yellow	3SB5400-7DD	340.-	10
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	340.-	10
		Green	■ 3SB5400-7TE	340.-	10
		Amber	■ 3SB5400-7TL	340.-	10
		Blue	■ 3SB5400-7TF	1080.-	10
		White†	3SB5400-7TG	340.-	10
		Yellow	3SB5400-7TD	340.-	10
	220 V DC@	Red	■ 3SB5400-7HC	340.-	10
		Green	■ 3SB5400-7HE	340.-	10
		Amber	■ 3SB5400-7HL	340.-	10
		Blue	■ 3SB5400-7HF	1080.-	10
		White†	3SB5400-7HG	340.-	10
		Yellow	3SB5400-7HD	340.-	10

@ Use of bridge rectified DC source (filtered O/P) recommended
† Can be used with clear lens.
$ Illumination module can be used with lens assembly, illuminated push buttons & illuminated selector actuators.

■ Stock items

Push buttons

Modular Push button actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
Opaque actuator (with holder for contact block)					
	Normal	Red	■ 3SB5000-0AC01	120.-	10
		Green	■ 3SB5000-0AE01		
		Blue	■ 3SB5000-0AF01		
		White	■ 3SB5000-0AG01		
		Yellow	■ 3SB5000-0AD01		
		Black	■ 3SB5000-0AB01		
	Raised	Red	■ 3SB5000-0LC01	130.-	10
		Green	■ 3SB5000-0LE01		
		Blue	3SB5000-0LF01		
		White	3SB5000-0LG01		
		Yellow	3SB5000-0LD01		
		Black	3SB5000-0LB01		
Illuminated actuator (with holder for contact block)					
	Normal	Red	■ 3SB5001-0AC01-0PQ0	150.-	10
		Green	■ 3SB5001-0AE01-0PQ0		
		Amber	3SB5001-0AL01-0PQ0		
		Blue	3SB5001-0AF01-0PQ0		
		White	3SB5001-0AG01-0PQ0		
		Yellow	3SB5001-0AD01-0PQ0		
		Clear	3SB5001-0AH01-0PQ0		
	Raised	Red	■ 3SB5218-0LC01-0PQ0	160.-	10
		Green	■ 3SB5218-0LE01-0PQ0		
		Amber	3SB5218-0LL01-0PQ0		
		Blue	3SB5218-0LF01-0PQ0		
		White	3SB5218-0LG01-0PQ0		
		Yellow	3SB5218-0LD01-0PQ0		
		Clear	3SB5218-0LH01-0PQ0		

Modular Selector Actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2AB01	400.-	10
		Red	■ 3SB5000-2AC01		
	Momentary	Black	3SB5000-2BB01		
		Red	3SB5000-2BC01		
3 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2DB01	410.-	10
		Red	■ 3SB5000-2DC01		
	Momentary	Black	■ 3SB5000-2EB01		
		Red	■ 3SB5000-2EC01		
2 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2AC01	395.-	10
		Green	■ 3SB5001-2AE01		
		Blue	3SB5001-2AF01		
		Yellow	3SB5001-2AD01		
		Clear	3SB5001-2AH01		
	Momentary	Red	■ 3SB5001-2BC01		
		Green	■ 3SB5001-2BE01		
		Blue	3SB5001-2BF01		
		Yellow	3SB5001-2BD01		
		Clear	3SB5001-2BH01		
3 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2DC01	415.-	10
		Green	■ 3SB5001-2DE01		
		Blue	3SB5001-2DF01		
		Yellow	3SB5001-2DD01		
		Clear	3SB5001-2DH01		
	Momentary	Red	■ 3SB5001-2EC01		
		Green	■ 3SB5001-2EE01		
		Blue	3SB5001-2EF01		
		Yellow	3SB5001-2ED01		
		Clear	3SB5001-2EH01		

Contact Blocks for Push button, Selector & Key Actuators

Description	Configuration	Type	Unit LP ₹	Std Pkg (nos.)
Contact blocks for rear mounting (for panel mounting)				
	1 NO	■ 3SB5400-0B	140.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A	265.-	10
	2 NO	■ 3SB5400-0E		10
	2 NC	■ 3SB5400-0F		10

Mushroom Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) (with holder for contact block)				
momentary	Black	3SB5000-1NB01	245.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	280.-	10

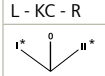
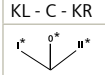
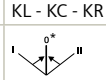
Mushroom Actuators (with plastic front ring) for Emergency Stop Specifications

NEW Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Enhanced Safety and Monitoring with MMCB				
Mushroom Actuator, E-Stop (40mm) with MMCB (1NC)	Red	3SB5204-0UC01	480.-	10
MMCB (Mounting Monitoring Contact Block,1NC)		3SB5400-0M	225.-	10

MMCB should be assembled only on middle slot "5-6" of the holder

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) **push to trip, turn to release with 1NC**	Red	■ 3SB5203-0UC01	460.-	10
Mushroom actuator (40 mm ø) **push to trip, turn to release**	Red	3SB5000-0UC01	330.-	10
Mushroom actuator (40 mm ø) **push to trip, key to release**	Red	3SB5000-0TC01	1750.-	10

Modular key actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)	Maintained	L - KR	■ 3SB5000-4AC01	655.-	10
		KL - R	3SB5000-4AA01		10
		KL - KR	3SB5000-4AB01		10
	Momentary	KL < R	■ 3SB5000-4TA01		10
		L > KR	3SB5000-4TC01		10
3 position key actuator (with holder for contact block)	Maintained	L - KC - R	■ 3SB5000-4HA01	685.-	10
		 KL - C - KR	3SB5000-4HC01		10
		 KL - KC - KR	3SB5000-4HB01		10
	Momentary	 L > KC < R	■ 3SB5000-4JA01		10

* Key removable position
L - Left, R - Right, C - Centre, KL - Key at Left, KR - Key at Right, KC - Key at Centre

Twin Push Button Actuators

Description	Type	Unit LP ₹	Std Pkg (nos.)
Complete actuator with holder for contact block			
Opaque with 1NO & 1NC	3SB5201-7EC01	500.-	10
Illuminated with 1NO & 1NC	3SB5234-7EC01	525.-	10
Modular actuator with holder for contact block			
Opaque	3SB5000-7EC01	240.-	10
Illuminated	3SB5001-7EC01	250.-	10

■ **Stock items**

LP - List Price

Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
Metal enclosure: Aluminum Die Cast				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	1650.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	1775.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	2340.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	2050.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	2595.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5803-8AH3	2905.-	1
Pendant mounting: Aluminum Die Cast				
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-8AC3	2785.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-8AH3	3625.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	945.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	945.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	1030.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	1115.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	1275.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5804-7AG3	1410.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	2040.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, " STOP"	3SB5822-7AC3	2495.-	1
3	Normal opaque push button - Green with 1NO contact block, "FORWARD" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-7AH3	3265.-	1

Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	690.-	1
2 way, Grey	3SB5802-0AC3	585.-	1
3 way, Grey	3SB5803-0AC3	600.-	1
4 way, Grey	3SB5804-0AC3	1315.-	1
6 way, Grey	3SB5806-0AC3	1830.-	1
1 way, Yellow	3SB5801-0AD3	690.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	1395.-	1
2 way	3SB5802-4AC3	1515.-	1
3 way	3SB5803-4AC3	2105.-	1
Contact Block			
Contact block for base mounting, 1NO	■ 3SB54200B	140.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	140.-	10
Inscription Labels (set of 11 labels)			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	270.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	80.-	10

Accessories

Description		Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	■ 3SB5901-2EL	60.-	10
	STOP	■ 3SB5901-2EK		10
	ON	■ 3SB5901-2EB		10
	OFF	■ 3SB5901-2EC		10
	UP	3SB5901-2ED		10
	DOWN	3SB5901-2EE		10
	FORWARD	3SB5901-2EF		10
	SLOW	3SB5901-2ES		10
	FAST	3SB5901-2ER		10
	REVERSE	3SB5901-2EG		10
	BLANK	3SB5901-2AA		10
	TRIP	3SB5901-2EA		10
Thrust cap for Push Buttons (for actuating middle module)		■ 3SB5902-0AA	60.-	10
Thrust pad for Selector Actuators (for actuating middle module)		■ 3SB5912-0AN	60.-	10
Adaptor plate for replacing 30 mm PB by 22 mm		■ 3SB5921-0AE	60.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)		3SB5921-0AB	60.-	10
E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing		3SB5921-0AD	60.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	75.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)		3SB5911-1AA	90.-	10

■ **Stock items**

SIRIUS 3SE5
Position Switches

Modular design for all applications

Modular design with many standardized components

- Plug-in design and replacement of the actuator heads
- Exchangeable two and three pole contact blocks
- Turnable actuator heads around the axis in increments of 22.5°, with total 16 positions
- Quick-connect technology
- Optional LED Displays
- Communication Capable (AS-i Safe)

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SIEMENS

Position Switches - 3SE5

NEW

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05-8K	765.-	10
		Slow Action		3SE5250-0BC05-8K	730.-	10

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05-8K	1185.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05-8K		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05-8K		10
		Slow action	2NO + 1 NC	3SE5250-0PC05-8K		10

Plastic enclosure: Enclosed type modular unit

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm (IP 65)		Snap Action	1NO + 1NC	3SE5232-0CC05-8K	850.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05-8K	825.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05-8K	1245.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5232-0PC05-8K		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05-8K	915.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05-8K	835.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05-8K	1350.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5242-0PC05-8K		1

Metal enclosure: Enclosed type modular unit IP 66/ IP 67

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5212-0CC05-8K	1360.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05-8K	1230.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05-8K	1455.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05-8K	1545.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00-8K	1465.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00-8K	1305.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00-8K	1580.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00-8K	1660.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00-8K	1640.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00-8K	1495.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00-8K	2090.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00-8K	2265.-	1
		Slow Action	2NO + 1NC	3SE5122-0PA00-8K		1

Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03-8K	310.-	5
Roller lever		3SE5000-0AE10-8K	160.-	5
Angular Roller lever		3SE5000-0AF10-8K	195.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	165.-	5
Twist Lever		3SE5000-0AA21-8K#	130.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	270.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K#	400.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	300.-	5

Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04-8K	350.-	5
Roller lever		3SE5000-0AE11-8K	240.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	165.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	315.-	5
Plain Plunger		3SE5000-0AB01-8K	445.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

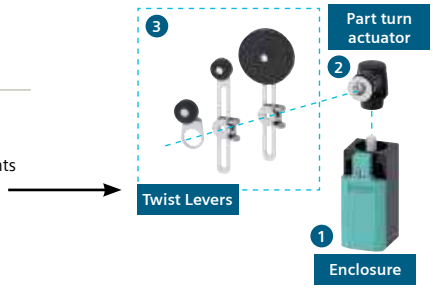
Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01-8K	225.-	5
Angular Roller lever		3SE5000-0AF01-8K	420.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	335.-	5
Twist Lever		3SE5000-0AA01-8K#	160.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	270.-	5
Fork type		3SE5000-0AT01-8K$	195.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	1725.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K#	400.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	300.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02-8K	280.-	5
Roller Plunger		3SE5000-0AD02-8K	425.-	5
Roller lever		3SE5000-0AE02-8K	380.-	5
Angular Roller lever		3SE5000-0AF02-8K	465.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	335.-	5
Twist Lever		3SE5000-0AA02-8K#	190.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	315.-	5

Notes:

1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. $ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K



Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05-8K	315.-	10

Spares for Open & enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	3SE5050-0BA00-8K*	650.-	10
		Snap action		3SE5050-0CA00-8K*		10
		Slow action		3SE5000-0BA00-8K		10
		Snap action		3SE5000-0CA00-8K		10
		Slow action	1NO + 2NC	3SE5000-0KA00-8K	825.-	10
		Snap action		3SE5000-0LA00-8K		10
		Slow-action contacts with make-before-break		3SE5000-0MA00-8K	860.-	10
		Slow action	2NO + 1 NC	3SE5000-0PA00-8K		10

Note: 3SE5000-0BA00-8K can be used only with enclosed type switch

* Suitable for Open execution

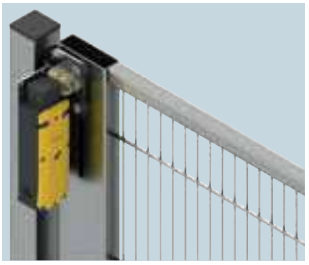
Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	3SX9926	955.-	5

Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05-8K	585.-	1
50MM			3SE5242-0AC05-8K	860.-	1
31MM		Metal	3SE5212-0AC05-8K	980.-	1
40MM			3SE5112-0AA00-8K	1185.-	1
56MM			3SE5122-0AA00-8K	1330.-	1

SIRIUS Safety switches

Mechanical Safety Switches With Tumbler

The safety switches with tumbler are exceptional safety-related devices which prevent an unforeseen or intentional opening of protective doors, protective grilles or other covers as long as a dangerous situation is present. Single switch can be used for SIL 2 / PL d safety level and with the use of a second switch SIL 3 / PL e safety level can be achieved.



		Solenoid Voltage	Plastic Enclosure 1300N Locking Force	Metal Enclosure 2600N Locking Force
3SE5322-0SD21	With auxiliary release	24VDC	3SE5322-0SD21	3SE5312-0SD11
		115VAC	3SE5322-0SD22	3SE5312-0SD12
		230VAC	3SE5322-0SD23	3SE5312-0SD13
3SE5322-0SE21	With auxiliary release with lock	24VDC	3SE5322-0SE21	3SE5312-0SE11
		115VAC	3SE5322-0SE22	3SE5312-0SE12
		230VAC	3SE5322-0SE23	3SE5312-0SE13
3SE5322-0SF21	With escape release from the front	24VDC	3SE5322-0SF21	3SE5312-0SF11
		115VAC	3SE5322-0SF22	3SE5312-0SF12
		230VAC	3SE5322-0SF23	3SE5312-0SF13
3SE5322-0SG21	With escape release from the back and auxiliary release from the front	24VDC	3SE5322-0SG21	3SE5312-0SG11
		115VAC	3SE5322-0SG22	3SE5312-0SG12
		230VAC	3SE5322-0SG23	3SE5312-0SG13
3SE5322-0SJ21	With emergency release from the back and auxiliary release from the front	24VDC	3SE5322-0SJ21	3SE5312-0SJ11
		115VAC	3SE5322-0SJ22	3SE5312-0SJ12
		230VAC	3SE5322-0SJ23	3SE5312-0SJ13
3SE5322-0SB21	Solenoid-locked	24VDC	3SE5322-0SB21	3SE5312-0SB11
		115VAC	3SE5322-0SB22	3SE5312-0SB12
		230VAC	3SE5322-0SB23	3SE5312-0SB13

Accessories

3SE5000-0AV01

3SE5000-0AV02

3SE5000-0AV03

3SE5000-0AV05-1AA6

3SE5000-0AV07

Description		Type
Standard actuator	Length 75.6 mm	3SE5000-0AV01
	With vertical fixing, length 53 mm	3SE5000-0AV02
	With transverse fixing, length 47 mm	3SE5000-0AV03
Radius actuator length 51mm	Direction of approach from the left	3SE5000-0AV04
	Direction of approach from the right	3SE5000-0AV06
Universal radius actuator	Length 77 mm	3SE5000-0AV05
	Length 77 mm, tab rotated 90°	3SE5000-0AV05-1AA6
Universal radius actuator, heavy duty	Length 67 mm	3SE5000-0AV07-1AK2
	Length 77 mm	3SE5000-0AV07

Prices available on request

Easy, flexible, efficient

Integrated connection of the field level to the control – revolutionized automation applications with AS-i and benefits

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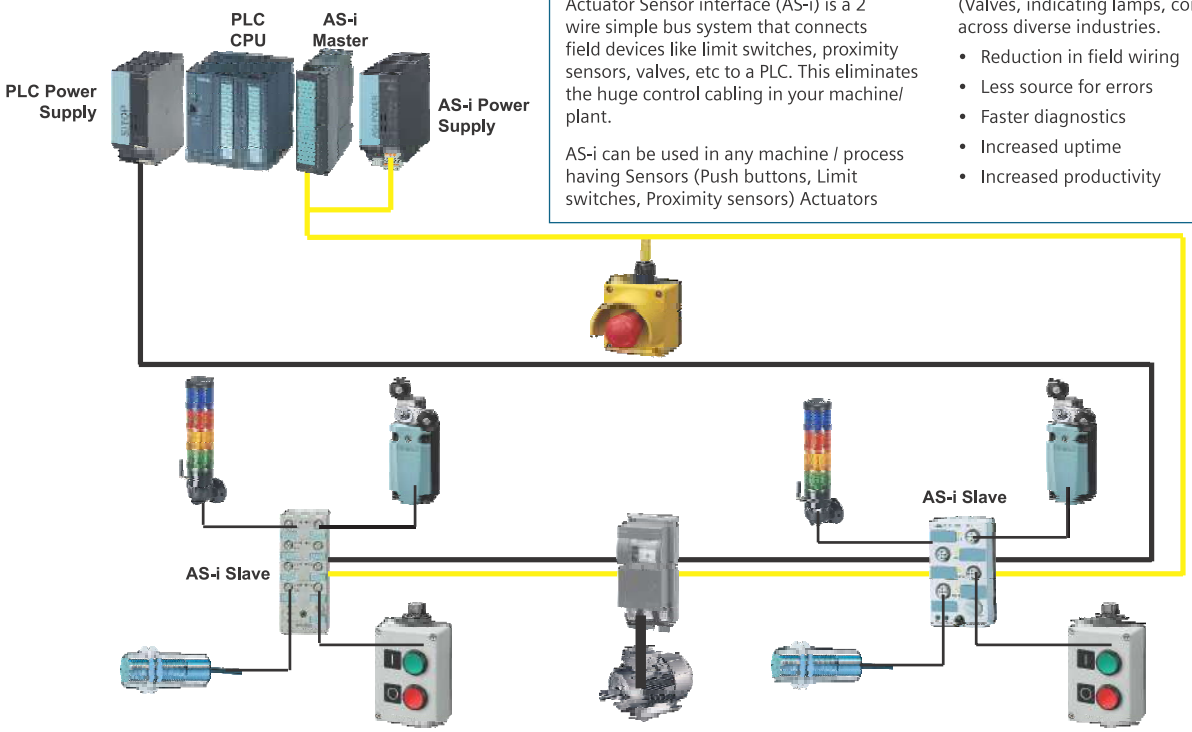
AS-I Masters and Power supplies

I/O Modules

Integrated Solutions



Actuator Sensor interface (AS-i) is a 2 wire simple bus system that connects field devices like limit switches, proximity sensors, valves, etc to a PLC. This eliminates the huge control cabling in your machine/ plant.

AS-i can be used in any machine / process having Sensors (Push buttons, Limit switches, Proximity sensors) Actuators (Valves, indicating lamps, contactors etc.) across diverse industries.

- Reduction in field wiring
- Less source for errors
- Faster diagnostics
- Increased uptime
- Increased productivity

SIMOCODE pro:
Flexible, modular and safe

The made-to-measure motor management system

- Motor protection, monitoring and control in a single system
- Fail-safe disconnection of motors
- Detailed operating, service and diagnostics data
- Open communication via PROFIBUS / PROFINET and OPC UA

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SIMOCODE Pro

Basic Unit

Description	Type
Pro S on Profibus with 110-240VAC/DC control	3UF7020-1AU01-0
Pro S on Profibus with 24VDC control	3UF7020-1AB01-0
Pro V on Profibus with 110-240VAC/DC control	3UF7010-1AU00-0
Pro V on Profibus with 24VDC control	3UF7010-1AB00-0
Pro C on Profibus with 110-240VAC/DC control	3UF7000-1AU00-0
Pro C on Profibus with 24VDC control	3UF7000-1AB00-0
Pro V PN on Profinet with 110-240VAC/DC control	3UF7011-1AU00-0
Pro V PN on Profinet with 24VDC control	3UF7011-1AB00-0
Pro V on Modbus RTU with 110-240VAC/DC control	3UF7012-1AU00-0
Pro V on Modbus RTU with 24VDC control	3UF7012-1AB00-0
Pro V on EtherNet/IP with 110-240VAC/DC control	3UF7013-1AU00-0
Pro V on EtherNet/IP with 24VDC control	3UF7013-1AB00-0

Current Measuring Module

Description	Type
0.3 to 3A	3UF7100-1AA00-0
2.4 to 25A	3UF7101-1AA00-0
10 to 100A	3UF7102-1AA00-0
20 to 200A	3UF7103-1AA00-0
20 to 200A (Busbar Connection)	3UF7103-1BA00-0
63 to 630A (Busbar Connection)	3UF7104-1BA00-0

Current/Voltage Measuring Module (2nd generation)

Description	Type
0.3 to 4A	3UF7110-1AA01-0
3.0 to 40A	3UF7111-1AA01-0
10 to 115A	3UF7112-1AA01-0
20 to 200A	3UF7113-1AA01-0
20 to 200A (Busbar Connection)	3UF7113-1BA01-0
63 to 630A (Busbar Connection)	3UF7114-1BA01-0

Prices available on request

Operator Panel (Optional)

Description	Type
Operator Panel without display	3UF7200-1AA01-0
Operator Panel with Display (for Pro V)	3UF7210-1AA01-0

Connecting Cable

Description	Type
Side by Side (0.025m flat)	3UF7930-0AA00-0
Length 0.1m (flat)	3UF7931-0AA00-0
Length 0.3m (flat)	3UF7935-0AA00-0
Length 0.5m (flat)	3UF7932-0AA00-0
Length 0.5m (round)	3UF7932-0BA00-0
Length 1m (round)	3UF7937-0BA00-0
Length 2.5m (round)	3UF7933-0BA00-0

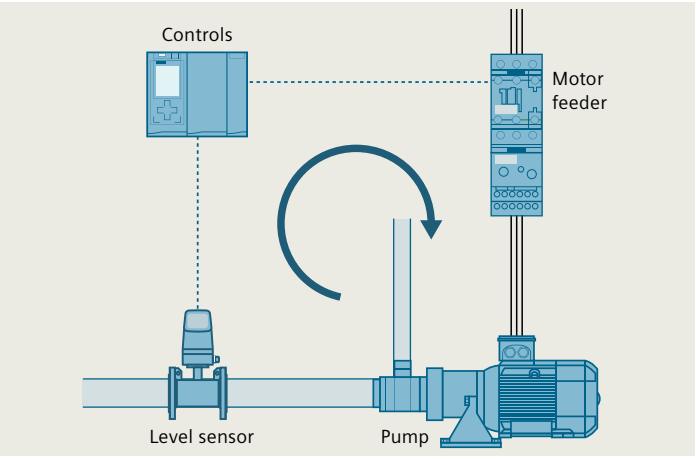
Configuration Software

Description	Type
SIRIUS SIMOCODE ES V20 Professional (online delivery); floating license for one user, engineering software.	3ZS1322-6CE18-0YB5
SIRIUS SIMOCODE ES V20 Professional (software and documentation on DVD, license key on USB); floating license for one user, engineering software	3ZS1322-6CC18-0YA5

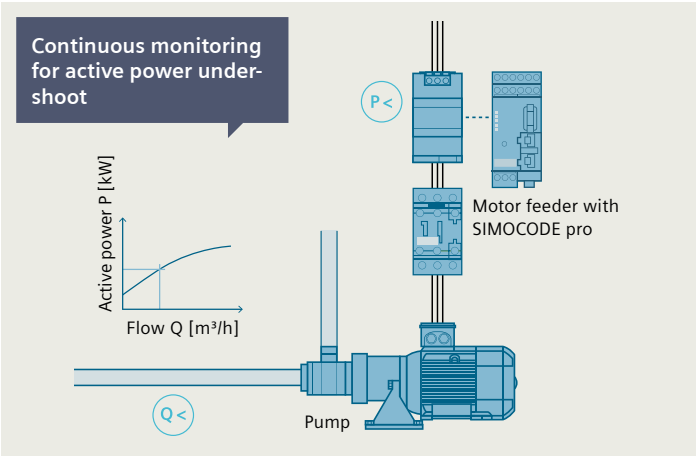
Accessories

Description	Type
PC Cable for PC/PG communication - USB connection	3UF7941-0AA00-0
Memory module for pro C	3UF7900-0AA01-0
Memory Module for pro S/V	3UF7901-0AA01-0
Addressing Plug for pro S, pro C & pro V on Profibus	3UF7910-0AA00-0
Door Adaptor	3UF7920-0AA00-0
Initialization module for the automatic parameterization of SIMOCODE pro S/pro V	3UF7902-0AA00-0

Your benefits through active power-based dry running protection



Conventional dry running monitoring with a sensor



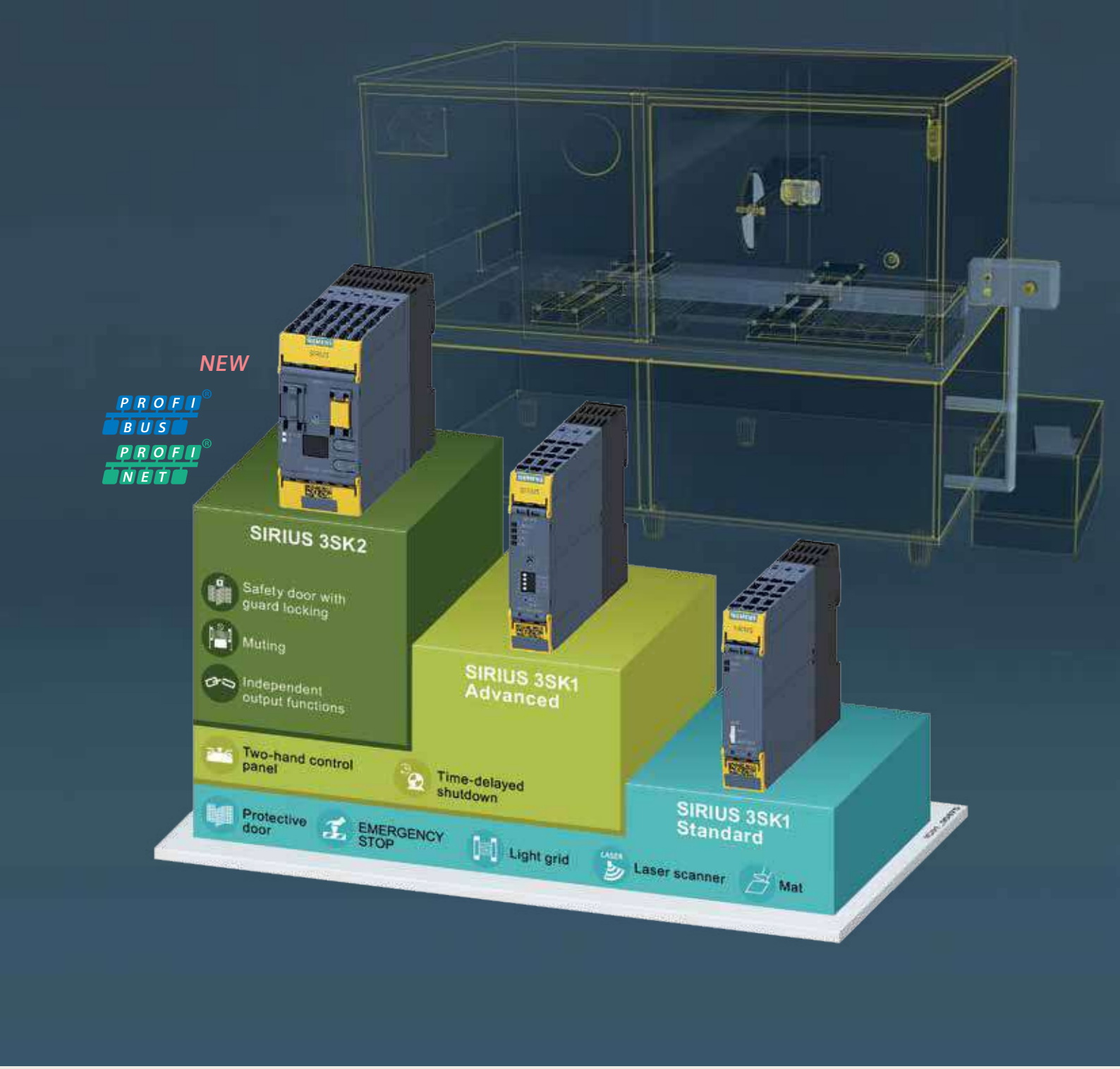
Active power-based dry running protection

Earlier fault detection
- Direct conclusions concerning the flow rate can be drawn from the active power consumption of the pump motor
- Reliable prevention of dry running of the pump and therefore less damage to the pump

Cost and time savings
- No maintenance effort due to the elimination of mechanical wear of the sensors
- No additional sensor required

Reduction of hardware
- No need for additional sensors and mechanical components
- Simplified engineering

Reliable monitoring of the system
- Compliance with ATEX and IECEx criteria
- Reliable and automatic pump switch-off in the event of inadmissible operating conditions



SIRIUS 3SK Safety relays

Select the optimum device – precisely for your application

SIRIUS 3SK safety relays offer outstanding simplicity and flexibility. Their modular design simplifies the planning, commissioning and expansion of plants. Simple safety functions, such as EMERGENCY STOP and protective door monitoring up to SIL 3 and PL e, can be quickly implemented without programming.

The safety relays are certified in accordance with IEC 62061 and ISO 13849-1 and are internationally applicable. The 3SK1 and 3SK2 versions of the device are available to meet differing requirements. The devices can be used for both stand-alone and integrated solutions.

www.siemens.com/safety-relays

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SIRIUS 3SK Safety relays

Relay enable circuit	Semiconductor enable circuit	Contacts				Rated control supply voltage	Unit LP ₹	MOQ
		EC	SC	EC (td)	Adjustable Time Delay (td)			
SIRIUS 3SK1 standard basic units								
3SK1111-1AB30		3	1	--	--	24V AC/DC	**32425.-**	**1**
3SK1111-1AW20		3	1	--	--	110-240V AC/DC	**32425.-**	**1**
	3SK1112-1BB40	2	1	--	--	24V DC	**29805.-**	**1**
SIRIUS 3SK1 advanced basic units								
3SK1121-1CB41		2	--	2	0.05...3 Sec	24V DC	**49690.-**	**1**
3SK1121-1CB42		2	--	2	0.5...30 Sec	24V DC	**49690.-**	**1**
3SK1121-1CB44		2	--	2	5.0...300 Sec	24V DC	**49690.-**	**1**
	3SK1122-1CB41	2	--	2	0.05...3 Sec	24V DC	**29805.-**	**1**
	3SK1122-1CB42	2	--	2	0.5...30 Sec	24V DC	**29805.-**	**1**
	3SK1122-1CB44	2	--	2	5.0...300 Sec	24V DC	**29805.-**	**1**
SIRIUS 3SK1 Output expansion module								
3SK1211-1BB00		4	1			24V AC	**29215.-**	**1**
3SK1211-1BB40		4	1			24V DC	**29215.-**	**1**
3SK1211-1BW20		4	1			110-240V AC/DC	**29215.-**	**1**
SIRIUS 3SK2 Basic Unit								
	3SK2112-1AA10	10	--	2	0.05...3 Sec	24V DC	**Prices available on request**	**1**
	3SK2122-1AA10	20	--	4	0.05...3 Sec			1

Note: EC = enable Circuit(s), SC = signaling circuit(s), td = delayed

Everything for your safety

Detecting

Which sensors can be connected?

SIRIUS 3SE5
position switches

SIRIUS ACT / 3SB5
Emergency STOP

SIRIUS ACT
Two-hand operation consoles

SIRIUS
foot switches

Evaluating

How can you perform quick, flexible evaluation?

SIRIUS 3SK
Safety relays

NEW

SIRIUS 3RQ1
Coupling relays

Reacting

Which actuators can be connected?

SIRIUS 3RT
Contactors

SIRIUS 3RW
Soft Starter

SIRIUS 3RM1
Motor Starters

SIRIUS 3RQ1 coupling relays NEW

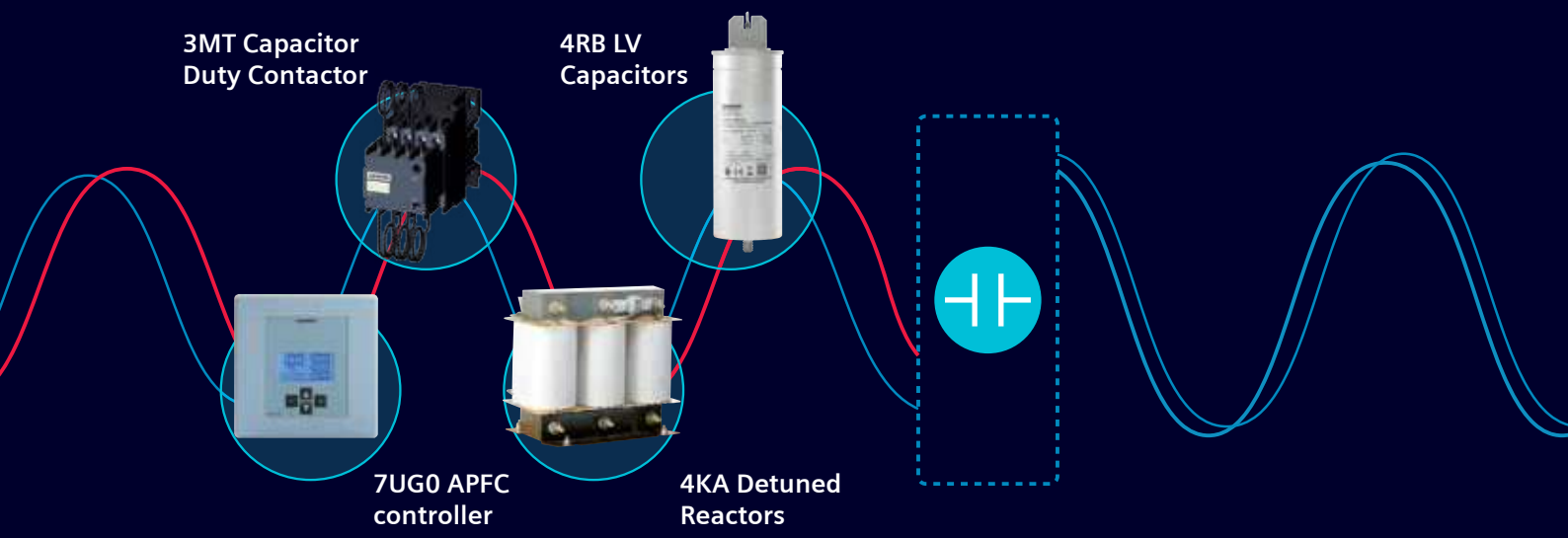
The 3RQ1 relays are force-guided in accordance with IEC 60947-5-1 (IEC 61810-3), the mechanical connection between the contacts ensures the NO and NC contacts are never closed simultaneously. This means failures to open can be reliably recognized in order to ensure maximum safety.

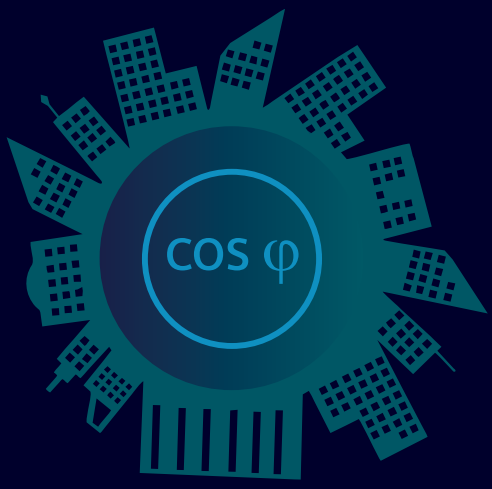
These coupling relays are also an integral component of the 3SK safety relay system and serve as an output expansion module. 3RQ1 coupling relays are available in two variants to fulfill SIL 2 & SIL 3.

Type	Contacts		Rated control supply voltage	Unit LP ₹	MOQ
	NO	NC			
3RQ1000-1EB00	1	1	24V DC	**Prices available on request**	**1**
3RQ1000-1GB00	2	1			**1**
3RQ1000-1HB00	2	2			**1**
3RQ1000-1LB00	4	1			**1**

Safety evaluation with TIA selection tool - The fast way to a safe solution
www.siemens.com/safety

Power Factor Correction





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SIEMENS

SIECAP™ LV Power Capacitors

ND+ (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	3245.-	1
	6	4RB2060-3EE52-8K	3245.-	1
	7	4RB2070-3EE52-8K	3555.-	1
	7.5	4RB2075-3EE52-8K	3815.-	1
	8.3	4RB2083-3EE52-8K	4220.-	1
	10	4RB2100-3EE52-8K	5085.-	1
	12.5	4RB2125-3EE52-8K	5490.-	1
	15	4RB2150-3EE52-8K	6585.-	1
	20	4RB2200-3EE52-8K	8750.-	1
	20.8	4RB2208-3EE52-8K	9120.-	1
	25	4RB2250-3EE52-8K	10960.-	1
	28	4RB2280-3EE52-8K	12270.-	1
	30	4RB2300-3EE52-8K	13155.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2985.-	1
	5.5	4RB2055-3EJ52-8K	3310.-	1
	10.4	4RB2104-3EJ52-8K	5525.-	1
	11.1	4RB2111-3EJ52-8K	5635.-	1
	12.5	4RB2125-3EJ52-8K	5775.-	1
	20.8	4RB2208-3EJ52-8K	9600.-	1
	25	4RB2250-3EJ52-8K	11535.-	1
	27.7	4RB2277-3EJ52-8K	12785.-	1
	30	4RB2300-3EJ52-8K	13850.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3980.-	1
	7.5	4RB2075-3EB53-8K	5285.-	1
	10.4	4RB2104-3EB53-8K	7340.-	1
	12.5	4RB2125-3EB53-8K	7960.-	1
	15	4RB2150-3EB53-8K	9560.-	1
	20	4RB2200-3EB53-8K	12740.-	1
	25	4RB2250-3EB53-8K	15925.-	1
440	5	4RB2050-3EE53-8K	4100.-	1
	7.5	4RB2075-3EE53-8K	5285.-	1
	10	4RB2100-3EE53-8K	7050.-	1
	12.5	4RB2125-3EE53-8K	7960.-	1
	15	4RB2150-3EE53-8K	9560.-	1
	20	4RB2200-3EE53-8K	12740.-	1
	25	4RB2250-3EE53-8K	15925.-	1
	30	4RB2300-3EE53-8K	19100.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4100.-	1
	6.3	4RB2063-3EJ53-8K	4590.-	1
	10.4	4RB2104-3EJ53-8K	6865.-	1
	11	4RB2110-3EJ53-8K	7265.-	1
	12.5	4RB2125-3EJ53-8K	8250.-	1
	13.8	4RB2138-3EJ53-8K	9110.-	1
	15	4RB2150-3EJ53-8K	9895.-	1
	16.7	4RB2167-3EJ53-8K	11015.-	1
	18.7	4RB2187-3EJ53-8K	12330.-	1
	20	4RB2200-3EJ53-8K	13205.-	1
	22	4RB2220-3EJ53-8K	14505.-	1
	25	4RB2250-3EJ53-8K	16485.-	1
	28.1	4RB2281-3EJ53-8K	18535.-	1
	30	4RB2300-3EJ53-8K	19775.-	1
525	5	4RB2050-3FC53-8K	4225.-	1
	6.3	4RB2063-3FC53-8K	4740.-	1
	8.3	4RB2083-3FC53-8K	6235.-	1
	10.4	4RB2104-3FC53-8K	7095.-	1
	12.5	4RB2125-3FC53-8K	8535.-	1
	13.2	4RB2132-3FC53-8K	9015.-	1
	15	4RB2150-3FC53-8K	10230.-	1
	16.7	4RB2167-3FC53-8K	11415.-	1
	20	4RB2200-3FC53-8K	13645.-	1
	25	4RB2250-3FC53-8K	17055.-	1
	26.5	4RB2265-3FC53-8K	18080.-	1
	30	4RB2300-3FC53-8K	20475.-	1
	33.1	4RB2331-3FC53-8K	22580.-	1

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Std. Pkg. = 1 unit

* LP - List Price

LP - List Price

SIECAP™ LV Power Capacitors

SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	4535.-	1
	6.3	4RB1063-3EB50-8K	5070.-	1
	7.5	4RB1075-3EB50-8K	6040.-	1
	10.4	4RB1104-3EB50-8K	8375.-	1
	12.5	4RB1125-3EB50-8K	9090.-	1
	15	4RB1150-3EB50-8K	10910.-	1
	20	4RB1200-3EB50-8K	14550.-	1
	25	4RB1250-3EB50-8K	18185.-	1
	28.1	4RB1281-3EB50-8K	20425.-	1
	30	4RB1300-3EB50-8K	21820.-	1
	33	4RB1330-3EB50-8K	24005.-	1
440	5	4RB1050-3EE50-8K	4680.-	1
	7.5	4RB1075-3EE50-8K	6040.-	1
	10	4RB1100-3EE50-8K	8055.-	1
	10.4	4RB1104-3EE50-8K	8375.-	1
	12.5	4RB1125-3EE50-8K	9090.-	1
	15	4RB1150-3EE50-8K	10910.-	1
	16.7	4RB1167-3EE50-8K	12145.-	1
	20	4RB1200-3EE50-8K	14550.-	1
	25	4RB1250-3EE50-8K	18185.-	1
	28.1	4RB1281-3EE50-8K	20425.-	1
	30	4RB1300-3EE50-8K	21820.-	1
	33.1	4RB1331-3EE50-8K	24070.-	1
480	5	4RB1050-3EJ50-8K	4680.-	1
	6.3	4RB1063-3EJ50-8K	5230.-	1
	8.3	4RB1083-3EJ50-8K	6905.-	1
	10.4	4RB1104-3EJ50-8K	7835.-	1
	11	4RB1111-3EJ50-8K	8295.-	1
	12.5	4RB1125-3EJ50-8K	9415.-	1
	13.8	4RB1138-3EJ50-8K	10405.-	1
	15	4RB1150-3EJ50-8K	11305.-	1
	16.7	4RB1167-3EJ50-8K	12575.-	1
	18.7	4RB1187-3EJ50-8K	14085.-	1
	20	4RB1200-3EJ50-8K	15075.-	1
	22	4RB1220-3EJ50-8K	16565.-	1
	25	4RB1250-3EJ50-8K	18820.-	1
	28.1	4RB1281-3EJ50-8K	21165.-	1
	30	4RB1300-3EJ50-8K	22590.-	1
	31	4RB1310-3EJ50-8K	23350.-	1
	33	4RB1330-3EJ50-8K	24865.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	4825.-	1
	6.3	4RB1063-3FC50-8K	5415.-	1
	8.3	4RB1083-3FC50-8K	7120.-	1
	10.4	4RB1104-3FC50-8K	8105.-	1
	12.5	4RB1125-3FC50-8K	9745.-	1
	13.2	4RB1132-3FC50-8K	10290.-	1
	15	4RB1150-3FC50-8K	11685.-	1
	16.7	4RB1167-3FC50-8K	13025.-	1
	20	4RB1200-3FC50-8K	15575.-	1
	25	4RB1250-3FC50-8K	19480.-	1
	26.5	4RB1265-3FC50-8K	20655.-	1
	30	4RB1300-3FC50-8K	23385.-	1
	33.1	4RB1331-3FC50-8K	25790.-	1
690	5.3	4RB1053-3GK50-8K	4265.-	1
	6.9	4RB1068-3GK50-8K	5570.-	1
	10.4	4RB1104-3GK50-8K	8375.-	1
	12.5	4RB1125-3GK50-8K	10070.-	1
	14.6	4RB1146-3GK50-8K	11760.-	1
	20	4RB1200-3GK50-8K	16105.-	1
	25	4RB1250-3GK50-8K	20135.-	1

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Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	20610.-
10kvar	5.67%	4KA1220-3AC01-0AA0	24460.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	28630.-
15kvar	5.67%	4KA1220-5AC01-0AA0	30930.-
20kvar	5.67%	4KA1220-6AC01-0AA0	33080.-
25kvar	5.67%	4KA1220-7AC01-0AA0	35390.-
5kvar	7%	4KA1220-1AA01-0AA0	20595.-
10kvar	7%	4KA1220-3AA01-0AA0	28255.-
12.5kvar	7%	4KA1220-4AA01-0AA0	30505.-
15kvar	7%	4KA1220-5AA01-0AA0	35220.-
20kvar	7%	4KA1220-6AA01-0AA0	37520.-
25kvar	7%	4KA1220-7AA01-0AA0	39485.-
50kvar	7%	4KA1220-2BA01-0AA0	70350.-
75kvar	7%	4KA1220-3BA03-0AA0	98660.-
100kvar	7%	4KA1220-4BA03-0AA0	124180.-
5kvar	14%	4KA1220-1AB01-0AA0	27115.-
12.5kvar	14%	4KA1220-4AB01-0AA0	45505.-
15kvar	14%	4KA1220-5AB01-0AA0	53290.-
20kvar	14%	4KA1220-6AB01-0AA0	64845.-
25kvar	14%	4KA1220-7AB01-0AA0	72905.-
50kvar	14%	4KA1220-2BB01-0AA0	118400.-
75kvar	14%	4KA1220-3BB03-0AA0	151470.-
100kvar	14%	4KA1220-4BB03-0AA0	220225.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	15315.-
10kvar	5.67%	4KA1420-3AC01-0AA0	19525.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	21400.-
15kvar	5.67%	4KA1420-5AC01-0AA0	25305.-
20kvar	5.67%	4KA1420-6AC01-0AA0	28855.-
25kvar	5.67%	4KA1420-7AC01-0AA0	29215.-
50kvar	5.67%	4KA1420-2BC01-0AA0	53160.-
5kvar	7%	4KA1420-1AA01-0AA0	16300.-
10kvar	7%	4KA1420-3AA01-0AA0	20975.-
12.5kvar	7%	4KA1420-4AA01-0AA0	23195.-
15kvar	7%	4KA1420-5AA01-0AA0	26145.-
20kvar	7%	4KA1420-6AA01-0AA0	27840.-
25kvar	7%	4KA1420-7AA01-0AA0	29780.-
50kvar	7%	4KA1420-2BA01-0AA0	51205.-
75kvar	7%	4KA1420-3BA03-0AA0	69570.-
100kvar	7%	4KA1420-4BA03-0AA0	90975.-
5kvar	14%	4KA1420-1AB01-0AA0	22190.-
10kvar	14%	4KA1420-3AB01-0AA0	33290.-
12.5kvar	14%	4KA1420-4AB01-0AA0	36225.-
15kvar	14%	4KA1420-5AB01-0AA0	42885.-
20kvar	14%	4KA1420-6AB01-0AA0	47610.-
25kvar	14%	4KA1420-7AB01-0AA0	58095.-
50kvar	14%	4KA1420-2BB01-0AA0	102780.-

Std. Pkg. = 1 unit

* LP - List Price

3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.

Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

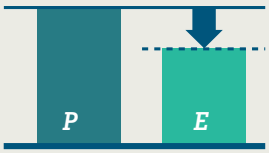
- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant

for more info scan QR code

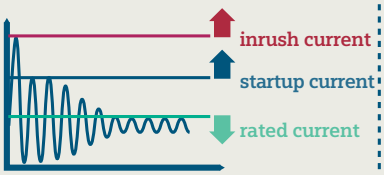
7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	25735.-	1
	12 Stage with LCD display	7UG0572-1GT20	27570.-	1
	12 stage with LED display	7UG0572-1GT21	15765.-	1

IE3- and IE4-compliant motors

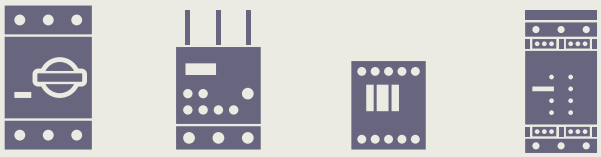


consume
less energy



but are characterized by
higher currents
during starting

This is why we have optimized our SIRIUS switching devices for IE3 and IE4 motors



For example

No false tripping
during startup process

Reliable switching capacity
for use with IE3 and IE4 motors

***IE3/IE4* ready**
AC-3e

SIRIUS controls

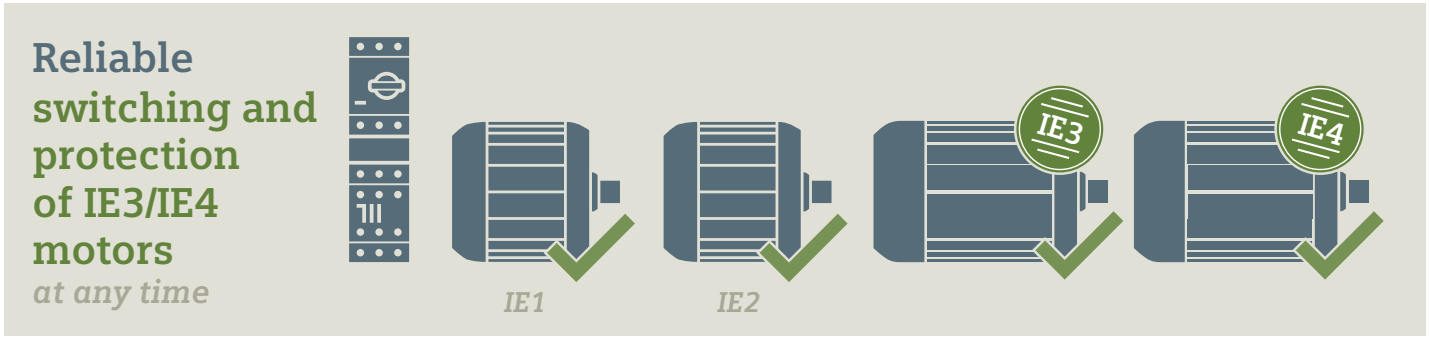
Reliable
switching and
protection of
motors
at all times

Are you IE3/IE4 ready?

Type 2 Solutions

www.siemens.co.in

SIEMENS



Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(Motor starter protector 3RV2 + Contactor 3RT)

Suitable for IE3/IE4

- The selection is valid only for complete Siemens combinations i.e. MPCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (Class 10 Feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer “Load feeder configuration manual”.
- Low LCC = Low life cycle cost

3RV20 comes with in-built overload protection, hence external bi-relay is eliminated

Direct-on-line feeder, for low LCC

SL Motor		Circuit breaker@		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps (Guide value)	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.1
0.55	1.5	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.4
0.75	1.9	3RV2011-1BA10	2	3RT2015	7	#	1.8 ... 2.2
1.1	2.7	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 2.8
1.5	3.6	3RV2011-1FA10	5	3RT2024	12	#	3.5 ... 4.5
2.2	5.0	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 5.5
3.7	6.5	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 7
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7 ... 9
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 10
7.5	15.5	3RV2021-4BA10	20	3RT2027	32	#	13 ... 16
11	22	3RV2021-4CA10	22	3RT2027	32	#	18 ... 23
15	29	3RV2021-4EA10*	32	3RT2027	32	#	27 ... 30
18.5	35	3RV2032-4PA10	36	3RT2035	40	#	28 ... 32
22	41	3RV2032-4VA10	45	3RT2036	50	#	35 ... 42
30	55	3RV2032-4XA10	59	3RT2037	65	#	49 ... 54
37	66	3RV2032-4KA10	73	3RT2038	80	#	62 ... 70
45	80	3RV2042-4RA10	84	3RT2045	80	#	65 ... 80
55	97	3RV2042-4MA10	100	3RT2047	110	#	80 ... 100
55	97	3VA2216-5MN32-0AA0	160	3RT1054	115	#	63 ... 115
75	132	3VA2216-5MN32-0AA0	160	3RT1055	150	#	63 ... 140
90	160	3VA2220-5MN32-0AA0	200	3RT1056	185	#	80 ... 175
110	195	3VA2325-5MN32-0AA0	250	3RT1064	225	#	100 ... 225
132	230	3VA2440-5MN32-0AA0	400	3RT1065	265	#	160 ... 265
160	280	3VA2440-5MN32-0AA0	400	3RT1066	300	#	160 ... 300
200	350	3VA2450-5MN32-0AA0	500	3RT1075	400	#	200 ... 400
250	430	3VA2450-5MN32-0AA0	500	3RT1076	500	#	200 ... 440

* Starting current up to 256A

$ 3RV21 ‘relay function’ motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 MPCB respectively

@ Motor switching operations with circuit breaker 3VA are not allowed.

Alternative combinations with 3VA1 available, contact nearest sales office

For more motor feeder selection charts with various SIRIUS devices see configuration manual “Configuring SIRIUS Innovations – Selection Data for Fuseless and Fused Load Feeders”, https://support.industry.siemens.com/cs/ww/en/view/39714188

Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3RV with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. MPCB / MCCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer "Load feeder configuration manual".
- Low LCC = Low life cycle cost

Direct-on-line feeder, for low LCC

SL motor		Circuit breaker $		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I_L Amp	Type	Amp	Type	Amp	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.25
0.55	1.4	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.6
0.75	1.7	3RV2011-1BA10	2	3RT2015	7	#	1.4 ... 2
1.1	2.4	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 3.2
1.5	3.2	3RV2011-1EA10	4	3RT2015	7	#	2.8 ... 4
2.2	4.8	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 6.3
3.7	7.4	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 8
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7.....10
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 12.5
7.5	15	3RV2011-4AA10	16	3RT2026	25	#	10 ... 16
11	21	3RV2021-4DA10	25	3RT2027	32	#	20 ... 25
15	29	3RV2021-4EA10	32	3RT2027	32	#	27 ... 32
18.5	34	3RV2032-4UA10	40	3RT2035	40	#	32 ... 40
22	40	3RV2032-4VA10	45	3RT2036	50	#	35 ... 45
30	57	3RV2032-4JA10	65	3RT2037	65	#	54 ... 65
37	64	3RV2032-4KA10	73	3RT2038	80	#	62 ... 73
45	77	3RV2032-4RA10*	80	3RT2038	80	#	70 ... 80
55	101	3VA1112-5MH32-0AA0	125	3RT1054	115	3RU2156-5CB10-8K	90... 125
75	134	3VA1216-5MH32-0AA0	160	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3VA1220-5MH32-0AA0	200	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3VA1325-5MH32-0AA0	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3VA1325-5MH32-0AA0	250	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3VA1332-5MH32-0AA0	320	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3VA1440-5MH32-0AA0	400	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3VA1450-5MH32-0AA0	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

$ 3RV11 / 3RV21 'relay function' motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 motor protection circuit-breaker respectively
# 3RV10 /3RV20 comes with in-built overload protection, hence external bi-relay is eliminated
* Starting current up to 720A

Suitable for IE2/IE3/IE4 Motors

Star-Delta feeder, for Low LCC

SL motor			Circuit breaker$		Contactor line/delta		Contactor star		Bi-relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
5.5	11.5	6.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1HB0	5.5 - 8	3RP15
7.5	15.5	8.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1JB0	7-10	3RP15
11	22	12.2	3RV2321-4DC10	25	3RT2027	32	3RT2024	12	3RU2126-4AB0	11...16	3RP15
15	29	16.8	3RV2321-4EC10	32	3RT2027	32	3RT2024	12	3RU2126-4BB0	14 ... 20	3RP15
18.5	35	19.7	3RV2332-4UC10	40	3RT2035	40	3RT2027	32	3RU2136-4DB0	18 ... 25	3RP15
22	41	23.2	3RV2332-4VC10	45	3RT2036	50	3RT2027	32	3RU2136-4EB0	22 ... 32	3RP15
30	55	33.1	3RV2332-4JC10	65	3RT2037	65	3RT2035	40	3RU2136-4FB0	28 ... 40	3RP15
37	66	37.1	3RV2332-4KC10	73	3RT2038	80	3RT2035	40	3RU2136-4GB0	36 ... 45	3RP15
45	80	44.7	3RV2332-4RC10	80	3RT2038	80	3RT2035	40	3RU2136-4HB0	40 ... 50	3RP15
55	97	58.6	3VA1112-5MH32-0AA0	125	3RT2045	80	3RT2036	50	3RU2146-4JB0	45 ... 63	3RP15
75	134	77.7	3VA1216-5MH32-0AA0	160	3RT1054	115	3RT2037	65	3RU2156-5BB10-8K	70 ... 100	3RP15
90	156	90.5	3VA1220-5MH32-0AA0	200	3RT1055	150	3RT2038	80	3RU2156-5BB10-8K	70 ... 100	3RP15
110	190	110.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT2046	95	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	132.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	156	3VA1332-5MH32-0AA0	320	3RT1064	225	3RT1054	115	3RU2166-5EB10-8K	140 ... 200	3RP15
200	350	203	3VA1440-5MH32-0AA0	400	3RT1065	265	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	249	3VA1450-5MH32-0AA0	500	3RT1066	300	3RT1064	225	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnector Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.4	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.7	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.4	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.2	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.4	3KL811	20	3NA78070RC	20	3RT2024	12	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	15	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ...16
11	21	3KL815	63	3NA78200RC	50	3RT2027	32	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2035	40	3RU2136-4EB0	22 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	57	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	64	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	77	3KL822	125	3NA78320RC	125	3RT2046	95	3RU2136-4RB0	70 ... 80
55	101	3KL823	160	3NA78360RC	160	3RT1054	115	3RU2156-5CB10-8K	90 ... 125
75	134	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	15	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	21	12	3KL812	32	3NA78100RC	25	3RT2025	17	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	57	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	64	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	77	45	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	101	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	134	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90	3KL823	160	3NA78360RC	160	3RT2046	95	3RT2038	80	3RU2146-4LB0	70 ... 90	3RP15
110	190	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1075	400	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Available till stocks last

3TS Capacitor duty Contactors

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
5 kvar	1 NO	3TS2110-0A..5-8K†	2910.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	3195.-				
10 kvar	–	3TS2200-0A..5-8K†	3475.-	1NO+1NC	3TS2211-0A..5-8K	3985.-	
12.5 kvar	–	3TS1200-0A..5-8K†	3560.-	1NO+1NC	3TS1211-0A..5-8K	4070.-	1
16 kvar	–	3TS1300-0A..5-8K†	4895.-	1NO+1NC	3TS1311-0A..5-8K	5395.-	1
20 kvar	–	3TS1400-0A..5-8K†	5515.-	1NO+1NC	3TS1411-0A..5-8K	6000.-	1
25 kvar	–	3TS1500-0A..5-8K†	6365.-	1NO+1NC	3TS1511-0A..5-8K	6880.-	1
30 kvar	–	3TS2500-0A..5-8K†	9915.-	1NO+1NC	3TS2511-0A..5-8K	10425.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	16825.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	19700.-				

† Facility to add one contact block of 1NO / 1NC

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	280.-	10
	1NC	■ 3TX4001-2A	280.-	10

3TS Capacitor Duty Spares

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	1085.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar		3TY74430A..	1340.-	1
20 kvar				
25 kvar				
30 kvar				
40 kvar		3TY74630A..	2325.-	1
50 kvar				

* For coil, refer above table

Pre-charge resistor + Contact block kit

Contactor kVAr	Description	Type	Unit LP ₹	Std. pkg. (nos.)
10 kvar	Pre-charge resistor + early making contact block kit + main contacts kit	3TS9762-0SX15-8K	2710.-	1
12.5 kvar		3TS9762-0SX15-8K		1
16 kvar		3TS9763-0SX15-8K	4025.-	1
20 kvar		3TS9764-0SX15-8K	4540.-	1
25 kvar		3TS9765-0SX15-8K	5340.-	1
30 kvar		3TS9765-0SX15-8K		1
40 kvar		3TS9767-0SX15-8K	13730.-	1
50 kvar		3TS9767-0SX15-8K		1

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

Line monitoring relays - 3UG

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	3UG4512-1AR20	20210.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG4513-1BR20	27050.-	1
Yes	Yes	Yes	160-690V	160-690V	Off delay 0.1-20 s	Yes	2 CO	160-690V	3UG4615-1CR20	39220.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage Us[1)]	Type	Unit LP ₹	Std. pkg (nos.).
		CO	V AC			
--	Phase Sequence Monitoring 3 Phase	1	360...520	3UG4511-1AP20	20275.-	1
		2		3UG4511-1BP20	22915.-	1
--	Monitoring of phase sequence, phase failure and phase unbalance	2	160...690	3UG4512-1BR20	25950.-	1
Adjustable 1-20V	Digital Monitoring Relay, phase sequence, phase & N conductor failure (90...400 w.r.t. N), overvoltage and undervoltage (Tripping delay 1-20)[2)]	2[2)]	90...400 w.r.t. N	3UG4616-1CR20	45470.-	1

Available till stocks last

8WN - 70mm Modular unit IP 65

Continuous light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5AB00	Red	24 V AC/DC	4280.-	1
8WN4420-5AC00	Green			1
8WN4420-5AD00	Yellow			1
8WN4420-5AE00	White			1
8WN4420-5AF00	Blue			1
8WN4440-5AB00	Red	110 V AC/DC	3950.-	1
8WN4440-5AC00	Green			1
8WN4440-5AD00	Yellow			1
8WN4440-5AE00	White			1
8WN4440-5AF00	Blue			1
8WN4450-5AB00	Red	220 V AC	3950.-	1
8WN4450-5AC00	Green			1
8WN4450-5AD00	Yellow			1
8WN4450-5AE00	White			1
8WN4450-5AF00	Blue			1

Blinking light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5BB00	Red	24 V AC/DC	4635.-	1
8WN4420-5BC00	Green			1
8WN4420-5BD00	Yellow			1
8WN4420-5BE00	White			1
8WN4420-5BF00	Blue			1
8WN4440-5BB00	Red	110 V AC/DC	4635.-	1
8WN4440-5BC00	Green			1
8WN4440-5BD00	Yellow			1
8WN4440-5BE00	White			1
8WN4440-5BF00	Blue			1
8WN4450-5BB00	Red	220 V AC	4635.-	1
8WN4450-5BC00	Green			1
8WN4450-5BD00	Yellow			1
8WN4450-5BE00	White			1
8WN4450-5BF00	Blue			1

Accessories for 70mm LED modular unit

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0AF00	Connection components, Screw terminals	1320.-	1
8WN4408-0AG00	Caps for light elements	130.-	1
8WN4408-0DH00	Feet with pipes, single; Length 60mm	220.-	1
8WN4408-0DJ00	Feet with pipes, single; Length 80mm	280.-	1
8WN4408-0DA00	Feet with pipes, single; Length 110mm	310.-	1
8WN4408-0CC00	Brackets for side mounting, use together with foot with pipe	280.-	1
8WN4408-0CF00	Brackets for side mounting,	1045.-	1

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0CG00	Fold-out support	500.-	1
8WN4420-0GA00	24 V AC/DC, continuous buzzer	3085.-	1
8WN4420-0HA00	24 V AC/DC, discontinuous buzzer	3605.-	1
8WN4440-0GA00	110 V AC/DC, continuous buzzer	3085.-	1
8WN4440-0HA00	110 V AC/DC, discontinuous buzzer	3605.-	1
8WN4450-0GA00	220 V AC, continuous buzzer	3085.-	1
8WN4450-0HA00	220 V AC, discontinuous buzzer	3605.-	1

8WN - 50mm Preassembled unit IP 20

Continuous light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6AB00	R	24V AC/DC	3950.-	1
8WN2222-6AG00	R, G		5695.-	1
8WN2223-6AJ00	R,Y,G		7390.-	1
8WN2241-6AB00	R	110 V AC/DC	3950.-	1
8WN2242-6AG00	R, G		5695.-	1
8WN2243-6AJ00	R,Y,G		7390.-	1
8WN2251-6AB00	R	220 V AC	3950.-	1
8WN2252-6AG00	R, G		5695.-	1
8WN2253-6AJ00	R,Y,G		7390.-	1

Continuous light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6JB00	R	24V AC/DC	4635.-	1
8WN2223-6JG00	R, G		6370.-	1
8WN2224-6JJ00	R,Y,G		8075.-	1
8WN2242-6JB00	R	110 V AC/DC	4635.-	1
8WN2243-6JG00	R, G		6370.-	1
8WN2244-6JJ00	R,Y,G		8075.-	1
8WN2252-6JB00	R	220 V AC	4635.-	1
8WN2253-6JG00	R, G		6370.-	1
8WN2254-6JJ00	R,Y,G		8075.-	1

Blinking light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6BB00	R	24V AC/DC	4635.-	1
8WN2222-6BG00	R, G		6370.-	1
8WN2223-6BJ00	R,Y,G		8075.-	1

Blinking light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6MB00	R	24V AC/DC	5155.-	1
8WN2223-6MG00	R, G		6870.-	1
8WN2224-6MJ00	R,Y,G		8580.-	1

Continuous light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6KB00	R	24V AC/DC	5155.-	1
8WN2223-6KG00	R, G		6870.-	1
8WN2224-6KJ00	R,Y,G		8580.-	1
8WN2242-6KB00	R	110 V AC/DC	5155.-	1
8WN2243-6KG00	R, G		6870.-	1
8WN2244-6KJ00	R,Y,G		8580.-	1
8WN2252-6KB00	R	220 V AC	5155.-	1
8WN2253-6KG00	R, G		6870.-	1
8WN2254-6KJ00	R,Y,G		8580.-	1

Blinking light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6NB00	R	24V AC/DC	5695.-	1
8WN2223-6NG00	R, G		7390.-	1
8WN2224-6NJ00	R,Y,G		9095.-	1

Discontinued

Power Contactors - SICOP 3TF

DC Coil	
Auxiliary contacts	Type Pl. fill in coil voltage code
2NO + 2NC $	3TF4602-0D..ZA01
2NO + 2NC $	3TF4702-0D..ZA01
2NO + 2NC $	3TF4702-0D..ZT00
2NO + 2NC $	3TF4772-0D..
2NO + 2NC $	3TF4822-0D..ZA01
2NO + 2NC $	3TF4922-0D..ZA01
2NO + 2NC $	3TF5002-0D..
2NO + 2NC $	3TF5102-0D..
2NO + 2NC $	3TF5202-0D..
2NO + 2NC $	3TF5302-0D..
2NO + 2NC $	3TF5402-0D..
2NO + 2NC $	3TF5502-0D..
2NO + 2NC $	3TF5602-0D..

Spares for SICOP and SICONT Plus Contactors

DC coils

For contactor	Type
3TF46/47/477	3TY7463-0D..
3TF48/49	3TY7483-0D..
3TF50/51	3TY7503-0D..
3TF52/53	3TY7523-0D..
3TF54/55	3TY7543-0D..
3TF56	3TY7563-0D..

Adaptor Plates

Description (Adaptor plates for using in place of old relay terminal block required for independent mounting)	Type
3RU29/3RU19 (1.8-25A) replacing 3UA/3UR 52 (1-25A)	3UX8025
3RU19 (5.5-50A) replacing 3UA/3UR 55 (10-45A)	3UX8050
3RU19 (18-100A) replacing 3UA/3UR 58 (16-95A) & replacing 3UA/3UR 5830 (70-120A)	3UX8100

7UG0 monitoring relays

Description	Voltage	Type
Speed monitoring relays	110-240V AC/DC	7UG0583-1CU20

3RW40/44 Soft Starter

Description
3RW40 (higher ratings)/ 3RW44 Soft Starter and Accessories for 3RW44

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)	
			Auxiliary contacts	Type Pl. fill in coil voltage code
12	475	250	2NO+2NC $	■ 3TF5702-0C..

3TS Converter duty Contactors

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil
		Type
12	630	3TS5722-0C..1-8K*

Spares for SICOP and SICONT Plus Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type
3TF57 (475A)	3TY7570-0YA

SICOP arc chambers

For Contactor	Type
3TF57	3TY7572-0YA

AC coils (50 Hz)

For contactor	Type†
3TF57	3TY7573-0C..

AC coils 50/60 Hz coil code: 3TF57

Coil Voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*
3TS57	Spare main contact kits	3TS9157-01-8K

Spare coils

	AC Coil
3TS57	3TY7573-0C..

for 3TS57

AC 50/60Hz	Coil voltage (V)	110-132	220-240
	Code	F7	M7

* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office

MPCBs for motor protection - 3VS16

Overload release range A	Type (w/o aux. contact)	Type (with 1NO+1NC)
6 - 10	3VS1600-0ML00	3VS1600-1ML00
10 - 16	3VS1600-0MM00	3VS1600-1MM00
16 - 25	3VS1600-0MN00	3VS1600-1MN00
22 - 32	3VS1600-0MP00	3VS1600-1MP00
28 - 40	3VS1600-0MQ00	3VS1600-1MQ00
36 - 52	3VS1600-0MR00	3VS1600-1MR00

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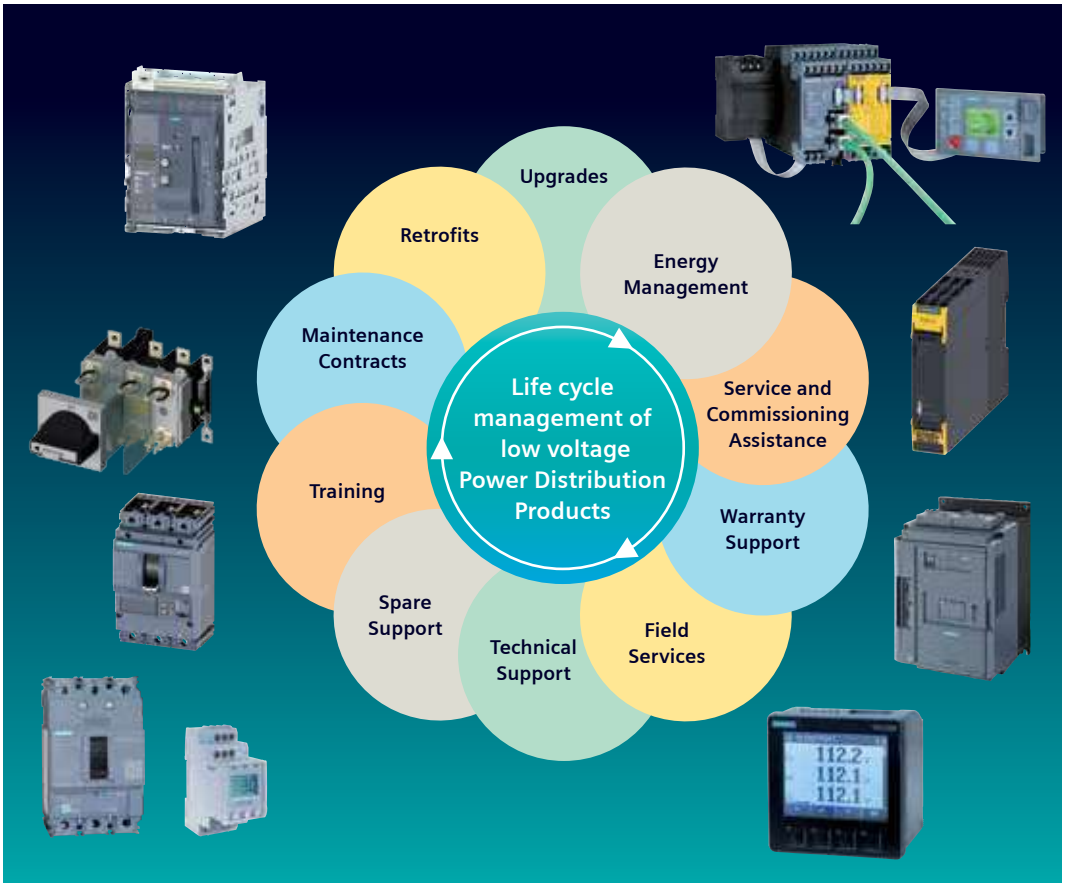

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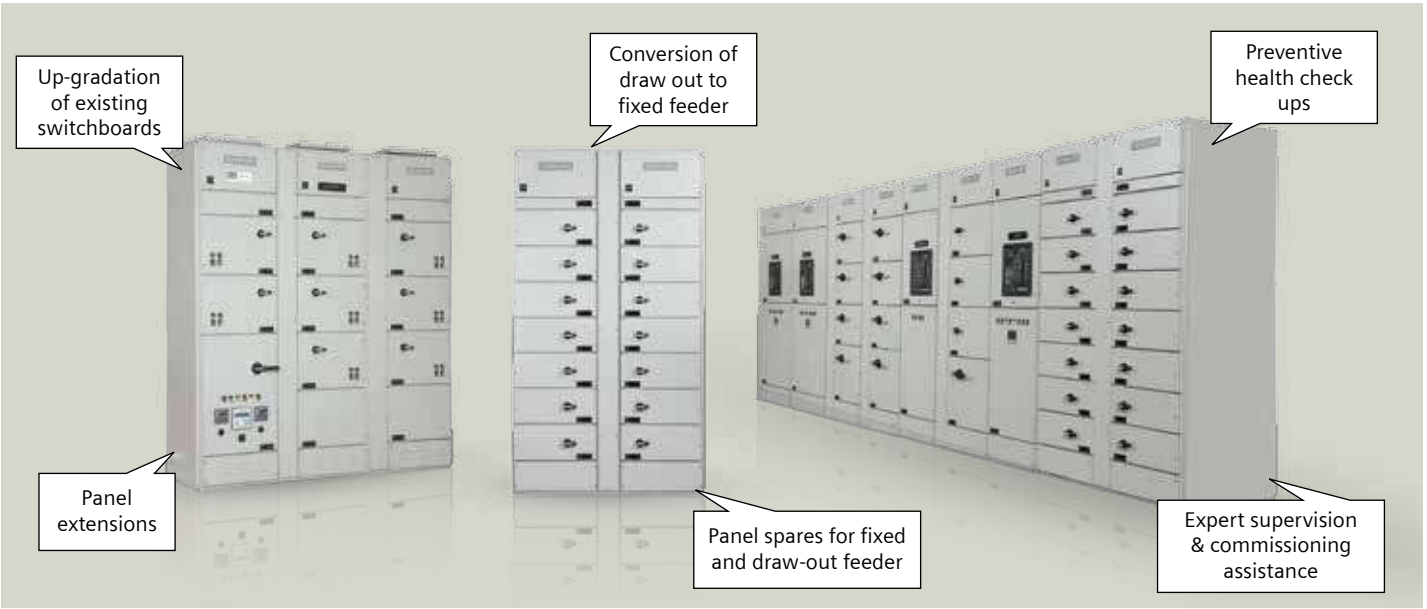

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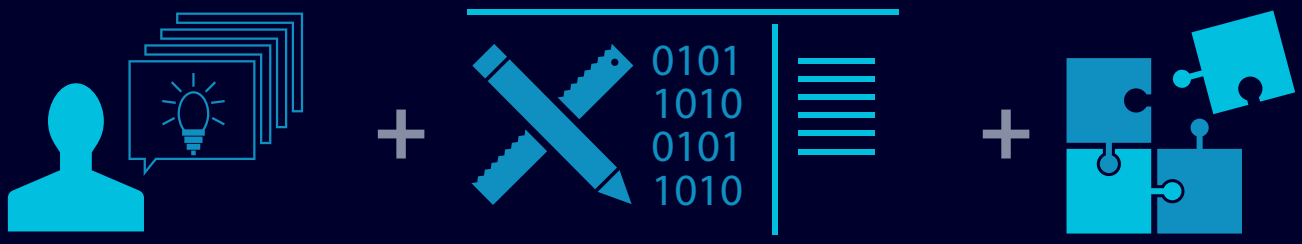

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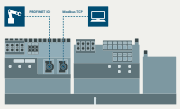

Dual COM Profinet with CC-C

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3WA air circuit breakers

The future of digital power distribution

The future will be connected.

The makers of tomorrow will require advanced diagnostics and safety during operation. They will need access to their power distribution system remotely and securely. With 3WA we invite you to a more connected and sustainable tomorrow.

Welcome to the future of digital power distribution.

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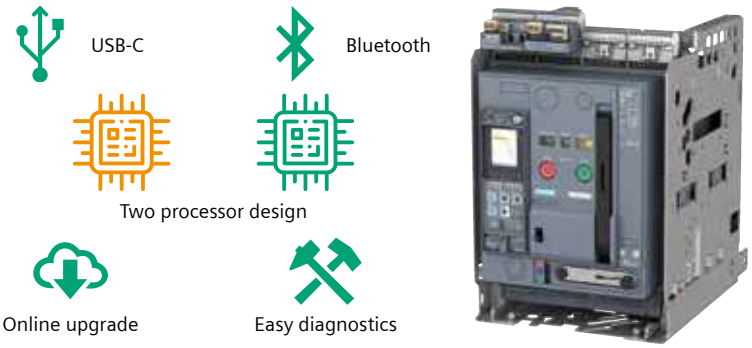
ACB: SENTRON 3WA

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Short circuit breaking capacity upto 150kA
- Fully rated upto 55°C with 100% rated neutral
- Best in class endurance
- Upgradeable ETU with unique dual processor
- Industry leading diagnostic & testing features
- Cybersecure communication module with dual communication
- Advanced metering as per IEC 61557-12



Standard breaking capacity I_{cs} = 100% I_{cu}

Manually operated ACB

Microprocessor based trip unit ETU600 with LSING[1] protection

Frame Size	Rated Current In (A)	Type	Withdrawable[2] design with Guide Frame		Fixed[3] mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WA1106....	POR	POR	POR	POR
	800	3WA1108....				
	1000	3WA1110....				
	1250	3WA1112....				
	1600	3WA1116....				
II	2000	3WA1220....				
	2500	3WA1225....				
	3200	3WA1232....				
	4000	3WA1240....				
III	5000	3WA1350....				
	6300	3WA1363....				

L: Overload protection
G: Ground fault protection
S: Delayed Short Circuit protection
N: Neutral protection
I: Short circuit protection

Note: Std. Pkg. = 1 unit

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge signaling switch (Standard along with spring charging motor), ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame Spring charge signaling switch (Standard along with spring charging motor), ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Prices of ACBs with other breaking capacities, 1000/1150V AC applications & DC applications available on request

Add-on options (Factory fitted)

Description	Add LP* ₹
Door Interlock	POR
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit#	
Mutual Mechanical Interlocking (Bowden wire)	
PROFINET / MODBUS TCP Communication module	

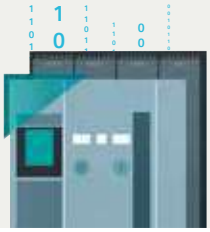
Castell locks are to be ordered separately.

Please contact your nearest Siemens Sales Office for complete ordering code.

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	POR
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	

Motorized mechanism with other control voltages are available on request

Scan for more info



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24-30	3WA9111-0AD02	22375.-
Suitable for continuous operation	110-127	110-125	3WA9111-0AD05	22375.-
	208-240	220-250	3WA9111-0AD06	22375.-
Under Voltage Release (Instantaneous)	380-415	–	3WA9111-0AE07	24735.-
Motorised Operating Mechanism	–	24-30	3WA9111-0AF02	123705.-
	110-127	110-125	3WA9111-0AF05	123705.-
	208-240	220-250	3WA9111-0AF06	123705.-
Castell Lock	–	–	3WX3663-6JEL_$	6870.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.

$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit POR: Price On Request * LP - List Price

ACB: SENTRON 3WL*Plus*

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55°C
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options

Standard breaking capacity I_{cs} = 100% I_{cu}

Manually operated ACB

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	**3WL1106....**	**POR**	**POR**	**POR**	**POR**
	800	**3WL1108....**				
	1000	**3WL1110....**				
	1250	**3WL1112....**				
	1600	**3WL1116....**				
II	2000	**3WL1220....**				
	2500	**3WL1225....**				
	3200	**3WL1232....**				
	4000	**3WL1240....**				
III	5000	**3WL1350....**				
	6300	**3WL1363....**				

Prices of ACBs with other breaking capacities available on request.

Note: Std. Pkg. = 1 unit

L: Overload protection
G: Ground fault protection
S: Delayed Short Circuit protection
N: Neutral protection
I: Short circuit protection

Add-on options (Factory fitted)

Microprocessor based Release	Add LP* ₹
For ground fault protection	**POR**
Protection function LSIN with Current display	
Protection function LSING with Current display	

For prices of breakers with other types of microprocessor based trip unit, please contact your nearest Siemens Sales Office

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	**POR**
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	

Motorized mechanism with other control voltages are available on request

Add-on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	**POR**
Door Interlock	
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit#	
Mutual Mechanical Interlocking (Bowden wire)	
Metering function Plus *(voltage transformer must be ordered separately)*	
Profibus communication connection (COM15 + BSS)	
Modbus communication connection (COM16 + BSS)	
Modbus TCP/PROFINET communication connection (COM35 + BSS)	

ACB for 1000/1150 V AC operation and DC application available on request

All ACBs are with Top Horizontal - Bottom Horizontal main terminals except 6300A & 4000A which have only Vertical-Vertical main termination.

Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, ready to close signal switch, auxiliary contacts 2NO+ 2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Neutral CT if required, shall be ordered separately. #Castell locks are to be ordered separately.

Please contact your nearest Siemens Sales Office for complete ordering code.

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24-30	**3WA9111-0AD02**	**22375.-**
Suitable for continuous operation	110-127	110-125	**3WA9111-0AD05**	**22375.-**
	208-240	220-250	**3WA9111-0AD06**	**22375.-**
Under Voltage Release (Instantaneous)	380-415	–	**3WA9111-0AE07**	**24735.-**
Motorised Operating Mechanism	–	24-30	**3WA9111-0AF02**	**123705.-**
	110-127	110-125	**3WA9111-0AF05**	**123705.-**
	208-240	220-250	**3WA9111-0AF06**	**123705.-**
Castell Lock	–	–	**3WX3663-6JEL_**$	**6870.-**

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.

$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit POR: Price On Request

* LP - List Price

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- With automatic selection of appropriate switchgear & components

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Visualization & evaluation of:

- Tripping characteristics
- Cut-off current characteristics
- Let-through energy curves

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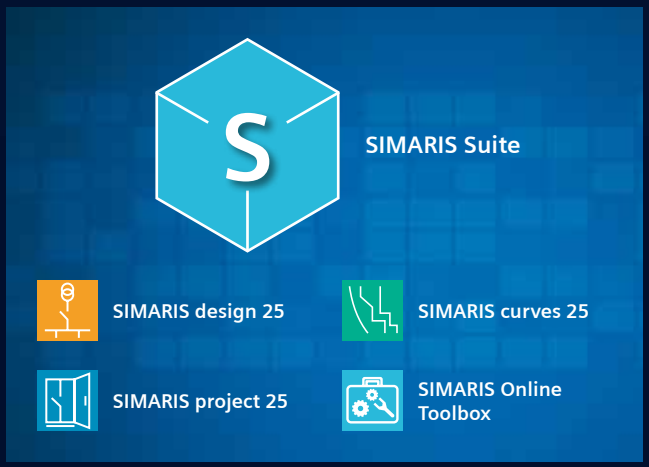

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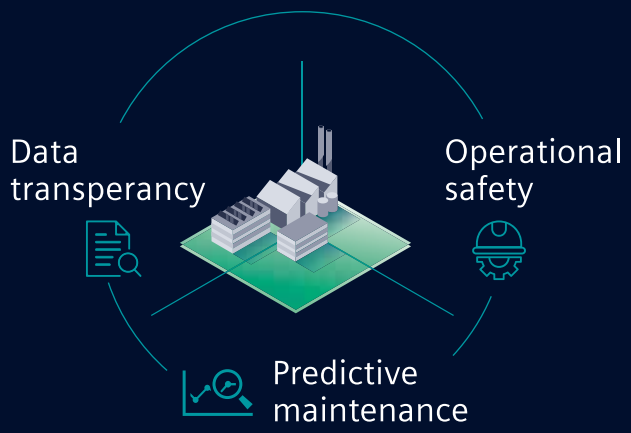
SENTRON 3WT*Plus*

Air Circuit Breakers

Powering smart installations

- **Integrated communication and metering option**
- **Easy parameterization and diagnostics with Powerconfig**



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ACB: SENTRON 3WT*Plus*

- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- U_{imp} = 12kV
- **Integrated communication & metering option**
- **Easy parameterization and diagnostics with Powerconfig**
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Integrated LCD display and Online test facility
- Variants available for 690V AC applications

Standard breaking capacity, 500VAC I_{cs} = 100% I_{cu}

Microprocessor based trip unit ETU37WT: LSING[1] + Display

Frame Size	Rated current In (A)			Withdrawable design with Guide Frame [2]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MDO	3WT8061-6AA04-5AB2	368860.-	3WT8065-6AA04-5AB2	479530.-
			EDO	3WT8061-6UA34-5AB2	477115.-	3WT8065-6UA34-5AB2	587785.-
		800	MDO	3WT8081-6AA04-5AB2	389290.-	3WT8085-6AA04-5AB2	509595.-
			EDO	3WT8081-6UA34-5AB2	497545.-	3WT8085-6UA34-5AB2	617850.-
		1000	MDO	3WT8101-6AA04-5AB2	399855.-	3WT8105-6AA04-5AB2	518660.-
			EDO	3WT8101-6UA34-5AB2	508110.-	3WT8105-6UA34-5AB2	626915.-
		1250	MDO	3WT8121-6AA04-5AB2	491140.-	3WT8125-6AA04-5AB2	583870.-
			EDO	3WT8121-6UA34-5AB2	599395.-	3WT8125-6UA34-5AB2	692125.-
	●	1600	MDO	3WT8161-6AA04-5AB2	527125.-	3WT8165-6AA04-5AB2	638095.-
			EDO	3WT8161-6UA34-5AB2	635380.-	3WT8165-6UA34-5AB2	746350.-
II	●	2000	MDO	3WT8202-6AA04-5AB2	662290.-	3WT8206-6AA04-5AB2	815115.-
			EDO	3WT8202-6UA34-5AB2	770545.-	3WT8206-6UA34-5AB2	923370.-
	●	2500	MDO	3WT8252-6AA04-5AB2	750180.-	3WT8256-6AA04-5AB2	953735.-
			EDO	3WT8252-6UA34-5AB2	858435.-	3WT8256-6UA34-5AB2	1061990.-
	●	3200	MDO	3WT8322-6AA04-5AB2	961775.-	3WT8326-6AA04-5AB2	1180100.-
			EDO	3WT8322-6UA34-5AB2	1070030.-	3WT8326-6UA34-5AB2	1288355.-

Microprocessor based Trip Units ETU35WT: LSI + Display	↑			↑		
	5	Reduce	1015.-	5	Reduce	1015.-

Microprocessor based trip unit ETU37WT: LSING[1] + Display

Frame Size	Rated current In (A)			Fixed Mounted design [3]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MF	3WT8061-6AA00-0AA2	271065.-	3WT8065-6AA00-0AA2	366730.-
			EF	3WT8061-6UA30-0AA2	379320.-	3WT8065-6UA30-0AA2	474985.-
		800	MF	3WT8081-6AA00-0AA2	292590.-	3WT8085-6AA00-0AA2	402585.-
			EF	3WT8081-6UA30-0AA2	400845.-	3WT8085-6UA30-0AA2	510840.-
		1000	MF	3WT8101-6AA00-0AA2	298275.-	3WT8105-6AA00-0AA2	426485.-
			EF	3WT8101-6UA30-0AA2	406530.-	3WT8105-6UA30-0AA2	534740.-
		1250	MF	3WT8121-6AA00-0AA2	405710.-	3WT8125-6AA00-0AA2	479755.-
			EF	3WT8121-6UA30-0AA2	513965.-	3WT8125-6UA30-0AA2	588010.-
	●	1600	MF	3WT8161-6AA00-0AA2	414245.-	3WT8165-6AA00-0AA2	513900.-
			EF	3WT8161-6UA30-0AA2	522500.-	3WT8165-6UA30-0AA2	622155.-
II	●	2000	MF	3WT8202-6AA00-0AA2	465880.-	3WT8206-6AA00-0AA2	668775.-
			EF	3WT8202-6UA30-0AA2	574135.-	3WT8206-6UA30-0AA2	777030.-
	●	2500	MF	3WT8252-6AA00-0AA2	525870.-	3WT8256-6AA00-0AA2	785195.-
			EF	3WT8252-6UA30-0AA2	634125.-	3WT8256-6UA30-0AA2	893450.-
	●	3200	MF	3WT8322-6AA00-0AA2	800680.-	3WT8326-6AA00-0AA2	986080.-
			EF	3WT8322-6UA30-0AA2	908935.-	3WT8326-6UA30-0AA2	1094335.-

Microprocessor based Trip Units ETU35WT: LSI + Display	↑			↑		
	5	Reduce	1015.-	5	Reduce	1015.-

For Non-Automatic ACBs please deduct ₹ 2310/- from the LPs of the ACBs marked ●. *For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office*

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection G: Ground fault protection[1] N: Neutral protection[1]

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240V AC/DC and shunt release of 220-240V AC/DC.

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, sealing cap over Off button, door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+ 2NC

3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+2NC

Note: Please contact your nearest Siemens Sales Office for information on prices of 4000A ACB.

Std. Pkg. = 1 unit * LP - List Price

3WT*Plus* Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	3WT9831-1JH00	116165.-
	220-240	220-250	3WT9831-1JK00	116165.-
Shunt Release or Closing Coil Suitable for continuous operation	–	24	3WT9851-1JB00	9950.-
	110-127	110-125	3WT9851-1JH00	9950.-
	220-240	220-250	3WT9851-1JK00	9950.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	10335.-
	208-240	220-250	3WT9853-1JK00	10335.-
	380-415	–	3WT9853-1JM00	10335.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	7270.-
	Drawout circuit breaker		3WT9827-1JA00	7270.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	5560.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	22485.-
5 digit operating cycle counter			3WT9864-0CA00	18775.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	17450.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	17450.-
Castell Lock Mounting Kit *(to prevent unauthorized closing of the circuit breaker)*			3WT9863-6JE00	16105.-
Castell Lock			3WX3663-6JEL_#	6870.-
Door Sealing Frame *(Also suitable for 3WL ACB)*			3WX3686-0JA00	4380.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	36660.-
	Size II		3WL9111-0AA22-0AA0	44575.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	40240.-
	Size II		3WL9111-0AA32-0AA0	46185.-

Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

For fitment of motor/ shunt/ closing coil/ UV release/ addl. auxiliary contacts please order necessary Auxiliary terminal blocks as per circuit diagram.

Add-on options (Factory fitted)

Description	Unit LP* ₹
MODBUS RTU communication module	POR
Metering function with integrated Voltage tap	
Arc chute cover	
Phase barriers	

Retrofit solution

Description	Unit LP* ₹
Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SENTRON range of ACBs. • Minimum Shut Down Time • No change in the existing panel except door cut out • No change in the existing panel bus-bars • Proven Siemens Design • No over heating • Cost Effective & Quality Solution	Upon enquiry

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POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

SENTRON Powerconfig

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- Device diagnosis

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- Device template

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Powering infrastructures across the globe

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and online test facility
- Breaking capacity upto 55 kA
- Ready to close mechanism for safe operation

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MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit
- Common Internal accessories for the entire range
- Information on the GO - Unique Knowledge Manager (QR Code) for 24 X 7 Technical Information
- Innovative Accessories viz. Short Circuit Alarm Switch, Illuminated Handle, Shunt Trip Flexible etc

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	12425.-	3VA1096-2ED42-0AA0	16110.-
		20	3VA1020-2ED32-0AA0	12425.-	3VA1020-2ED42-0AA0	16110.-
		25	3VA1025-2ED32-0AA0	12425.-	3VA1025-2ED42-0AA0	16110.-
		32	3VA1032-2ED32-0AA0	12425.-	3VA1032-2ED42-0AA0	16110.-
		40	3VA1040-2ED32-0AA0	12425.-	3VA1040-2ED42-0AA0	16110.-
		50	3VA1050-2ED32-0AA0	12425.-	3VA1050-2ED42-0AA0	16110.-
		63	3VA1063-2ED32-0AA0	12425.-	3VA1063-2ED42-0AA0	16110.-
		80	3VA1080-2ED32-0AA0	13590.-	3VA1080-2ED42-0AA0	17655.-
		100	3VA1010-2ED32-0AA0	15735.-	3VA1010-2ED42-0AA0	20490.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	12765.-	3VA1096-3ED42-0AA0	16650.-
		20	3VA1020-3ED32-0AA0	12765.-	3VA1020-3ED42-0AA0	16650.-
		25	3VA1025-3ED32-0AA0	12765.-	3VA1025-3ED42-0AA0	16650.-
		32	3VA1032-3ED32-0AA0	12765.-	3VA1032-3ED42-0AA0	16650.-
		40	3VA1040-3ED32-0AA0	12765.-	3VA1040-3ED42-0AA0	16650.-
		50	3VA1050-3ED32-0AA0	12765.-	3VA1050-3ED42-0AA0	16650.-
		63	3VA1063-3ED32-0AA0	12765.-	3VA1063-3ED42-0AA0	16650.-
		80	3VA1080-3ED32-0AA0	13880.-	3VA1080-3ED42-0AA0	18060.-
		100	3VA1010-3ED32-0AA0	16365.-	3VA1010-3ED42-0AA0	20910.-
3VA11		125	3VA1112-3ED32-0AA0	27590.-	3VA1112-3ED42-0AA0	35155.-
		160	3VA1116-3ED32-0AA0	31505.-	3VA1116-3ED42-0AA0	40995.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	13470.-	3VA1196-4GD42-0AA0	18640.-
		20	3VA1020-4ED32-0AA0	13470.-	3VA1120-4GD42-0AA0	18640.-
		25	3VA1025-4ED32-0AA0	13470.-	3VA1125-4GD42-0AA0	18640.-
		32	3VA1032-4ED32-0AA0	13470.-	3VA1132-4GD42-0AA0	18640.-
		40	3VA1040-4ED32-0AA0	13470.-	3VA1140-4GD42-0AA0	18640.-
		50	3VA1050-4ED32-0AA0	13470.-	3VA1150-4GD42-0AA0	18640.-
		63	3VA1063-4ED32-0AA0	13470.-	3VA1163-4GD42-0AA0	18640.-
		80	3VA1080-4ED32-0AA0	14135.-	3VA1180-4GD42-0AA0	20440.-
		100	3VA1010-4ED32-0AA0	17015.-	3VA1110-4GD42-0AA0	23610.-
3VA11		125	3VA1112-4ED32-0AA0	29395.-	3VA1112-4GD42-0AA0	38215.-
		160	3VA1116-4ED32-0AA0	34275.-	3VA1116-4GD42-0AA0	44565.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	15785.-	3VA1196-5GD42-0AA0	20490.-
		20	3VA1120-5ED32-0AA0	15785.-	3VA1120-5GD42-0AA0	20490.-
		25	3VA1125-5ED32-0AA0	15785.-	3VA1125-5GD42-0AA0	20490.-
		32	3VA1132-5ED32-0AA0	15785.-	3VA1132-5GD42-0AA0	20490.-
		40	3VA1140-5ED32-0AA0	15785.-	3VA1140-5GD42-0AA0	20490.-
		50	3VA1150-5ED32-0AA0	15785.-	3VA1150-5GD42-0AA0	20490.-
		63	3VA1163-5ED32-0AA0	16085.-	3VA1163-5GD42-0AA0	20490.-
		80	3VA1180-5ED32-0AA0	17320.-	3VA1180-5GD42-0AA0	22500.-
		100	3VA1110-5ED32-0AA0	20050.-	3VA1110-5GD42-0AA0	26005.-
		125	3VA1112-5ED32-0AA0	32310.-	3VA1112-5GD42-0AA0	41985.-
		160	3VA1116-5ED32-0AA0	37670.-	3VA1116-5GD42-0AA0	49025.-

^ 3VA1 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

Std. Pkg. = 1 unit * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	16200.-	3VA1196-3GE42-0AA0	23205.-
		20	3VA1120-3EE32-0AA0	16200.-	3VA1120-3GE42-0AA0	23205.-
		25	3VA1125-3EE32-0AA0	16200.-	3VA1125-3GE42-0AA0	23205.-
		32	3VA1132-3EE32-0AA0	16200.-	3VA1132-3GE42-0AA0	23205.-
		40	3VA1140-3EE32-0AA0	16200.-	3VA1140-3GE42-0AA0	23205.-
		50	3VA1150-3EE32-0AA0	16200.-	3VA1150-3GE42-0AA0	23205.-
		63	3VA1163-3EE32-0AA0	16200.-	3VA1163-3GE42-0AA0	23205.-
		80	3VA1180-3EE32-0AA0	16200.-	3VA1180-3GE42-0AA0	23205.-
		100	3VA1110-3EE32-0AA0	17320.-	3VA1110-3GE42-0AA0	23205.-
		125	3VA1112-3EE32-0AA0	29395.-	3VA1112-3GE42-0AA0	36200.-
		160	3VA1116-3EE32-0AA0	32430.-	3VA1116-3GE42-0AA0	42045.-
3VA11	36kA	16	3VA1196-4EE32-0AA0	20005.-	3VA1196-4GE42-0AA0	26180.-
		20	3VA1120-4EE32-0AA0	20005.-	3VA1120-4GE42-0AA0	26180.-
		25	3VA1125-4EE32-0AA0	20005.-	3VA1125-4GE42-0AA0	26180.-
		32	3VA1132-4EE32-0AA0	20005.-	3VA1132-4GE42-0AA0	26180.-
		40	3VA1140-4EE32-0AA0	20005.-	3VA1140-4GE42-0AA0	26180.-
		50	3VA1150-4EE32-0AA0	20005.-	3VA1150-4GE42-0AA0	26180.-
		63	3VA1163-4EE32-0AA0	20005.-	3VA1163-4GE42-0AA0	26180.-
		80	3VA1180-4EE32-0AA0	20005.-	3VA1180-4GE42-0AA0	26180.-
		100	3VA1110-4EE32-0AA0	20005.-	3VA1110-4GE42-0AA0	26180.-
		125	3VA1112-4EE32-0AA0	30780.-	3VA1112-4GE42-0AA0	39210.-
		160	3VA1116-4EE32-0AA0	35230.-	3VA1116-4GE42-0AA0	45720.-
3VA12		200	3VA1220-4EE32-0AA0	44440.-	3VA1220-4GE42-0AA0	54750.-
		250	3VA1225-4EE32-0AA0	47110.-	3VA1225-4GE42-0AA0	59145.-
3VA13		320	3VA1332-4EE32-0AA0	63175.-	3VA1332-4GE42-0AA0	81785.-
		400	3VA1340-4EE32-0AA0	63175.-	3VA1340-4GE42-0AA0	81785.-
3VA14		500	3VA1450-4EE32-0AA0	81535.-	3VA1450-4GE42-0AA0	105620.-
		630	3VA1463-4EE32-0AA0	81535.-	3VA1463-4GE42-0AA0	105620.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	22790.-	3VA1196-5GE42-0AA0	28805.-
		20	3VA1120-5EE32-0AA0	22790.-	3VA1120-5GE42-0AA0	28805.-
		25	3VA1125-5EE32-0AA0	22790.-	3VA1125-5GE42-0AA0	28805.-
		32	3VA1132-5EE32-0AA0	22790.-	3VA1132-5GE42-0AA0	28805.-
		40	3VA1140-5EE32-0AA0	22790.-	3VA1140-5GE42-0AA0	28805.-
		50	3VA1150-5EE32-0AA0	22790.-	3VA1150-5GE42-0AA0	28805.-
		63	3VA1163-5EE32-0AA0	22790.-	3VA1163-5GE42-0AA0	28805.-
		80	3VA1180-5EE32-0AA0	22790.-	3VA1180-5GE42-0AA0	28805.-
		100	3VA1110-5EE32-0AA0	22790.-	3VA1110-5GE42-0AA0	28805.-
		125	3VA1112-5EE32-0AA0	35795.-	3VA1112-5GE42-0AA0	42990.-
		160	3VA1116-5EE32-0AA0	38725.-	3VA1116-5GE42-0AA0	49980.-
3VA12		200	3VA1220-5EE32-0AA0	46275.-	3VA1220-5GE42-0AA0	56515.-
		250	3VA1225-5EE32-0AA0	49060.-	3VA1225-5GE42-0AA0	62160.-
3VA13		320	3VA1332-5EE32-0AA0	72035.-	3VA1332-5GE42-0AA0	90235.-
		400	3VA1340-5EE32-0AA0	72035.-	3VA1340-5GE42-0AA0	90235.-
3VA14		500	3VA1450-5EE32-0AA0	93165.-	3VA1450-5GE42-0AA0	116385.-
		630	3VA1463-5EE32-0AA0	93165.-	3VA1463-5GE42-0AA0	116385.-
3VA15		800#	3VA1580-5EF32-0AA0	139190.-	3VA1580-5GF42-0AA0	180380.-
		1000#	3VA1510-5EF32-0AA0	194450.-	3VA1510-5GF42-0AA0	252325.-
3VA11	70kA	16	3VA1196-6EE32-0AA0	31185.-	3VA1196-6GE42-0AA0	39195.-
		20	3VA1120-6EE32-0AA0	31185.-	3VA1120-6GE42-0AA0	39195.-
		25	3VA1125-6EE32-0AA0	31185.-	3VA1125-6GE42-0AA0	39195.-
		32	3VA1132-6EE32-0AA0	31185.-	3VA1132-6GE42-0AA0	39195.-
		40	3VA1140-6EE32-0AA0	31185.-	3VA1140-6GE42-0AA0	39195.-
		50	3VA1150-6EE32-0AA0	31185.-	3VA1150-6GE42-0AA0	39195.-
		63	3VA1163-6EE32-0AA0	31185.-	3VA1163-6GE42-0AA0	39195.-
		80	3VA1180-6EE32-0AA0	31185.-	3VA1180-6GE42-0AA0	39195.-
		100	3VA1110-6EE32-0AA0	31185.-	3VA1110-6GE42-0AA0	39195.-
		125	3VA1112-6EE32-0AA0	57985.-	3VA1112-6GE42-0AA0	62175.-
		160	3VA1116-6EE32-0AA0	57985.-	3VA1116-6GE42-0AA0	62175.-
3VA12		200	3VA1220-6EE32-0AA0	62405.-	3VA1220-6GE42-0AA0	80305.-
		250	3VA1225-6EE32-0AA0	69940.-	3VA1225-6GE42-0AA0	80305.-
3VA13		320	3VA1332-6EE32-0AA0	78955.-	3VA1332-6GE42-0AA0	102070.-
		400	3VA1340-6EE32-0AA0	78955.-	3VA1340-6GE42-0AA0	102070.-
3VA14		500	3VA1450-6EE32-0AA0	112235.-	3VA1450-6GE42-0AA0	145515.-
		630	3VA1463-6EE32-0AA0	112235.-	3VA1463-6GE42-0AA0	145515.-
3VA15		800#	3VA1580-6EF32-0AA0	153275.-	3VA1580-6GF42-0AA0	198630.-
		1000#	3VA1510-6EF32-0AA0	213740.-	3VA1510-6GF42-0AA0	277855.-

Std. Pkg. = 1 unit # - Adjustable Thermal, Adjustable Magnetic * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Adj. Magnetic (ATAM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA12	36kA	250	3VA1225-4EF32-0AA0	POR	3VA1225-4GF42-0AA0	POR
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
3VA14		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
		630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA12	55kA	250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
3VA13		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
		400	3VA1340-5EF32-0AA0		3VA1340-5GF42-0AA0	
3VA14		500	3VA1450-5EF32-0AA0		3VA1450-5GF42-0AA0	
		630	3VA1463-5EF32-0AA0		3VA1463-5GF42-0AA0	
3VA12	70kA	250	3VA1225-6EF32-0AA0		3VA1225-6GF42-0AA0	
3VA13		320	3VA1332-6EF32-0AA0		3VA1332-6GF42-0AA0	
		400	3VA1340-6EF32-0AA0		3VA1340-6GF42-0AA0	
3VA14		500	3VA1450-6EF32-0AA0		3VA1450-6GF42-0AA0	
		630	3VA1463-6EF32-0AA0		3VA1463-6GF42-0AA0	

For lower ratings, please contact your nearest Siemens Sales Office

SENTRON 3VA MCCB for Motor Starter Protection (Adjustable Magnetic trip unit, 3pole)

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)		Breaking Capacity (70kA, 415V, 50Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0&	20960.-	3VA1181-6MG32-0AA0&	25740.-
	2	3VA1102-5MG32-0AA0&	20960.-	3VA1102-6MG32-0AA0&	25740.-
	4	3VA1104-5MG32-0AA0&	20960.-	3VA1104-6MG32-0AA0&	25740.-
	8	3VA1108-5MG32-0AA0&	20960.-	3VA1108-6MG32-0AA0&	25740.-
	12.5	3VA1192-5MG32-0AA0&	20960.-	3VA1192-6MG32-0AA0&	25740.-
	20	3VA1120-5MH32-0AA0	20960.-	3VA1120-6MH32-0AA0	25740.-
	32	3VA1132-5MH32-0AA0	25035.-	3VA1132-6MH32-0AA0	26980.-
	40	3VA1140-5MH32-0AA0	25035.-	3VA1140-6MH32-0AA0	26980.-
	50	3VA1150-5MH32-0AA0	25035.-	3VA1150-6MH32-0AA0	26980.-
	63	3VA1163-5MH32-0AA0	25035.-	3VA1163-6MH32-0AA0	26980.-
	80	3VA1180-5MH32-0AA0	25035.-	3VA1180-6MH32-0AA0	26980.-
	100	3VA1110-5MH32-0AA0	25035.-	3VA1110-6MH32-0AA0	26980.-
	125	3VA1112-5MH32-0AA0	35915.-	3VA1112-6MH32-0AA0	38820.-
3VA12	160	3VA1216-5MH32-0AA0	37685.-	3VA1216-6MH32-0AA0	53700.-
	200	3VA1220-5MH32-0AA0	51830.-	3VA1220-6MH32-0AA0	63605.-
3VA13	250	3VA1325-5MH32-0AA0	56555.-	3VA1325-6MH32-0AA0	64370.-
	320	3VA1332-5MH32-0AA0	77605.-	3VA1332-6MH32-0AA0	88435.-
3VA14	400	3VA1440-5MH32-0AA0	88835.-	3VA1440-6MH32-0AA0	92820.-
	500	3VA1450-5MH32-0AA0	102265.-	3VA1450-6MH32-0AA0	116110.-
3VA15	630	3VA1563-5MH32-0AA0	117895.-	3VA1563-6MH32-0AA0	128435.-
	800	3VA1580-5MH32-0AA0	156600.-	3VA1580-6MH32-0AA0	172440.-

POR: Price On Request

Std. Pkg. = 1 unit * LP - List Price

& Fixed magnetic trip unit

SENTRON 3VA MCCB, Switch Disconnector (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	NA	63	3VA1163-1AA32-0AA0	17590.-	3VA1163-1AA42-0AA0	25995.-
		100	3VA1110-1AA32-0AA0	17590.-	3VA1110-1AA42-0AA0	25995.-
		125	3VA1112-1AA32-0AA0	35985.-	3VA1112-1AA42-0AA0	47975.-
		160	3VA1116-1AA32-0AA0	35985.-	3VA1116-1AA42-0AA0	47975.-
3VA12	NA	250	3VA1225-1AA32-0AA0	35985.-	3VA1225-1AA42-0AA0	47975.-
3VA13	NA	400	3VA1340-1AA32-0AA0	46410.-	3VA1340-1AA42-0AA0	60350.-

NA - Not Applicable

Earth fault and Earth leakage protection for SENTRON 3VA moulded case circuit breaker

Earth fault monitoring relay

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	6720.-
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	2320.-
	4P	7UG09911	2645.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 160A/250A	3P	7UG09912	2800.-
	4P	7UG09913	3300.-
CBCT for EFR: 630 frame Suitable for 3VA1/3VA2 400A/ 630A	3P	7UG09914	4125.-
	4P	7UG09915	4470.-

Earth leakage monitoring relay

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6500.-
	230VAC	7UG0842-1CD20	6570.-
CBCT for ELR	35 mm dia	7UG0996	2365.-
	70 mm dia	7UG0997	2705.-
	120 mm dia	7UG0999	4605.-
	210 mm dia	7UG0994	8855.-
	310 mm dia	7UG0995	13200.-

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay

MCCB
with O/L & S/C protection

\+

Shunt release

\+

Ext. Earth fault / Ext. Earth Leakage Relay & CBCT

=

MCCB
with O/L, S/C & E/F protection
with O/L, S/C & Earth Leakage protection

Std. Pkg. = 1 unit

* LP - List Price

SIEMENS

Condition monitoring with the 3VA moulded case circuit breaker. **As simple as that.**

Inbuilt in ETU5

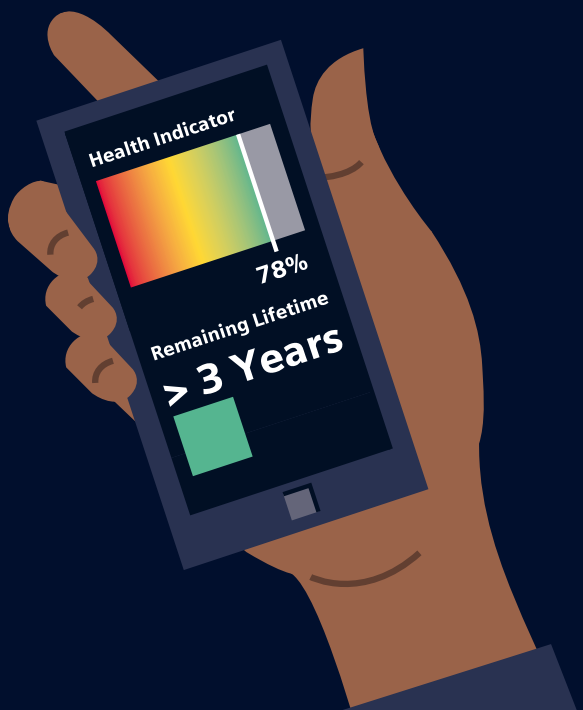
www.siemens.co.in

Thanks to optimally scheduled maintenance times, you can prevent equipment and plant failures due to uncoordinated maintenance of individual devices and optimize the health of your entire plant.

- Predictive maintenance
- Improved organization of personnel and material costs
- Optimized energy availability
- Reduced time and costs for maintenance

When time savings go hand in hand with optimized plant reliability

With condition monitoring directly on the 3VA and remotely on the end device, you get reliable information about the health of your system and the remaining service life of your circuit breaker.



SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	38145.-	3VA2025-4HL42-0AA0	49180.-
		40	3VA2040-4HL32-0AA0	38145.-	3VA2040-4HL42-0AA0	49180.-
		63	3VA2063-4HL32-0AA0	38145.-	3VA2063-4HL42-0AA0	49180.-
		100	3VA2010-4HL32-0AA0	38145.-	3VA2010-4HL42-0AA0	49180.-
3VA21		160	3VA2116-4HL32-0AA0	51575.-	3VA2116-4HL42-0AA0	71985.-
3VA22		250	3VA2225-4HL32-0AA0	70780.-	3VA2225-4HL42-0AA0	95975.-
3VA23		400	3VA2340-4HL32-0AA0	94570.-	3VA2340-4HL42-0AA0	124470.-
3VA24		630	3VA2463-4HL32-0AA0	98315.-	3VA2463-4HL42-0AA0	130280.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	48515.-	3VA2025-5HL42-0AA0	66455.-
		40	3VA2040-5HL32-0AA0	48515.-	3VA2040-5HL42-0AA0	66455.-
		63	3VA2063-5HL32-0AA0	48515.-	3VA2063-5HL42-0AA0	66455.-
		100	3VA2010-5HL32-0AA0	48515.-	3VA2010-5HL42-0AA0	66455.-
3VA21		160	3VA2116-5HL32-0AA0	61490.-	3VA2116-5HL42-0AA0	79625.-
3VA22		250	3VA2225-5HL32-0AA0	80340.-	3VA2225-5HL42-0AA0	106075.-
3VA23		400	3VA2340-5HL32-0AA0	101965.-	3VA2340-5HL42-0AA0	133630.-
3VA24		630	3VA2463-5HL32-0AA0	125255.-	3VA2463-5HL42-0AA0	139880.-
3VA25		800	3VA2580-5HL32-0AA0	183145.-	3VA2580-5HL42-0AA0	234280.-
		1000	3VA2510-5HL32-0AA0	242675.-	3VA2510-5HL42-0AA0	323980.-
3VA26		1250	3VA2612-5HL32-0AA0	344065.-	3VA2612-5HL42-0AA0	459440.-
3VA20	85kA	25	3VA2025-6HL32-0AA0	63420.-	3VA2025-6HL42-0AA0	78570.-
		40	3VA2040-6HL32-0AA0	63420.-	3VA2040-6HL42-0AA0	78570.-
		63	3VA2063-6HL32-0AA0	63420.-	3VA2063-6HL42-0AA0	78570.-
		100	3VA2010-6HL32-0AA0	63420.-	3VA2010-6HL42-0AA0	78570.-
3VA21		160	3VA2116-6HL32-0AA0	83160.-	3VA2116-6HL42-0AA0	106160.-
3VA22		250	3VA2225-6HL32-0AA0	92360.-	3VA2225-6HL42-0AA0	134500.-
3VA23		400	3VA2340-6HL32-0AA0	115895.-	3VA2340-6HL42-0AA0	152180.-
3VA24		630	3VA2463-6HL32-0AA0	138455.-	3VA2463-6HL42-0AA0	184740.-
3VA25		800	3VA2580-6HL32-0AA0	201360.-	3VA2580-6HL42-0AA0	267840.-
		1000	3VA2510-6HL32-0AA0	277525.-	3VA2510-6HL42-0AA0	370450.-
3VA26		1250	3VA2612-6HL32-0AA0	393215.-	3VA2612-6HL42-0AA0	526340.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU330 LIG, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HM32-0AA0	52540.-	3VA2025-4HM42-0AA0	64775.-
		40	3VA2040-4HM32-0AA0	52540.-	3VA2040-4HM42-0AA0	64775.-
		63	3VA2063-4HM32-0AA0	52540.-	3VA2063-4HM42-0AA0	64775.-
		100	3VA2010-4HM32-0AA0	52540.-	3VA2010-4HM42-0AA0	64775.-
3VA21		160	3VA2116-4HM32-0AA0	66455.-	3VA2116-4HM42-0AA0	82765.-
3VA22		250	3VA2225-4HM32-0AA0	83990.-	3VA2225-4HM42-0AA0	105570.-
3VA23		400	3VA2340-4HM32-0AA0	112960.-	3VA2340-4HM42-0AA0	142475.-
3VA24		630	3VA2463-4HM32-0AA0	124250.-	3VA2463-4HM42-0AA0	156695.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	59890.-	3VA2025-5HM42-0AA0	68630.-
		40	3VA2040-5HM32-0AA0	59890.-	3VA2040-5HM42-0AA0	68630.-
		63	3VA2063-5HM32-0AA0	59890.-	3VA2063-5HM42-0AA0	68630.-
		100	3VA2010-5HM32-0AA0	61125.-	3VA2010-5HM42-0AA0	71730.-
3VA21		160	3VA2116-5HM32-0AA0	82350.-	3VA2116-5HM42-0AA0	98820.-
3VA22		250	3VA2225-5HM32-0AA0	100425.-	3VA2225-5HM42-0AA0	125345.-
3VA23		400	3VA2340-5HM32-0AA0	121270.-	3VA2340-5HM42-0AA0	152970.-
3VA24		630	3VA2463-5HM32-0AA0	133425.-	3VA2463-5HM42-0AA0	168235.-
3VA25		800	3VA2580-5HM32-0AA0	193615.-	3VA2580-5HM42-0AA0	251710.-
		1000	3VA2510-5HM32-0AA0	260100.-	3VA2510-5HM42-0AA0	341415.-
3VA26		1250	3VA2612-5HM32-0AA0	363855.-	3VA2612-5HM42-0AA0	480600.-
3VA20	85kA	25	3VA2025-6HM32-0AA0	74780.-	3VA2025-6HM42-0AA0	90945.-
		40	3VA2040-6HM32-0AA0	74780.-	3VA2040-6HM42-0AA0	90945.-
		63	3VA2063-6HM32-0AA0	74780.-	3VA2063-6HM42-0AA0	90945.-
		100	3VA2010-6HM32-0AA0	74780.-	3VA2010-6HM42-0AA0	90945.-
3VA21		160	3VA2116-6HM32-0AA0	95275.-	3VA2116-6HM42-0AA0	119590.-
3VA22		250	3VA2225-6HM32-0AA0	111585.-	3VA2225-6HM42-0AA0	156555.-
3VA23		400	3VA2340-6HM32-0AA0	135205.-	3VA2340-6HM42-0AA0	171490.-
3VA24		630	3VA2463-6HM32-0AA0	148715.-	3VA2463-6HM42-0AA0	188660.-
3VA25		800	3VA2580-6HM32-0AA0	218150.-	3VA2580-6HM42-0AA0	285270.-
		1000	3VA2510-6HM32-0AA0	294305.-	3VA2510-6HM42-0AA0	387875.-
3VA26		1250	3VA2612-6HM32-0AA0	413695.-	3VA2612-6HM42-0AA0	547490.-

Std. Pkg. = 1 unit * LP - List Price

SENTRON 3VA - Accessories

Frame	3VA1 100A/ 160A/ 250A/ 400A/ 630A/ 800A/ 1000A	Unit LP* ₹	3VA2 100A / 160A / 250A 3VA2 400A/630A/800A/1000A/1250A	Unit LP* ₹
Accessory	Type		Type	
Auxiliary switch (AUX)	3VA9988-0AA12 (1 C/O)	2840.-	3VA9988-0AA12 (1 C/O)	2840.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	4390.-	3VA9988-0AB12 (1 C/O)	4390.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	2340.- 2340.-	–	–
Electrical alarm switches (EAS) for 3VA2 Only	–	–	3VA9988-0AB22	2340.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz 208-230 V AC 50/60 Hz 380-400 V AC 50/60 Hz	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	6720.- 6720.- 6720.-	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	6720.- 6720.- 6720.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	5060.- 5060.- 5060.-	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	5060.- 5060.- 5060.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	5060.- 5060.- 5060.-	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	5060.- 5060.- 5060.-
Extended Door Mounted Rotary Operator (including 8UC handle)	3VA9157-0FK51 (for 3VA10/ 11 100A/160A) 3VA9257-0FK51 (for 3VA12 250A) 3VA9467-0FK51 (for 3VA13/ 14 400/ 630A)	3315.- 3485.- 5460.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) –	3485.- 5460.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	14515.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	14515.-
Illuminated - Door mounted rotary operator 24V DC	3VA9157-0FK23 (for 3VA10/ 11 100A/160A) 3VA9257-0FK23 (for 3VA12 250A) 3VA9467-0FK23 (for 3VA13/ 14 400A/ 630A) 3VA9687-0FK23 (for 3VA15 800A/1000A)	8665.- 9530.- 12110.- 15940.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	9530.- 12110.- 15940.-
Castell interlock kit# (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	6795.- 6795.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	6795.- 6795.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA9158-0VF30 (for 3VA10/ 11 100A/160A) 3VA9258-0VF30 (for 3VA12 250A) 3VA9368-0VF30 (for 3VA13/ 14 400A/ 630A)	8665.- 8995.- 10160.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	9530.- 10160.-
Locking device for breaker with Toggle lever	3VA9088-0LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA9388-0LB10 (for 3VA13/ 14 400A/ 630A) 3VA9588-0LB10 (3VA15 800/ 1000A)	2645.- 3485.- 7525.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	3485.- 7525.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA9157-0HA20 (for 3VA11 160A) 3VA9257-0HA20 (for 3VA12 250A) 3VA9467-0HA20 (for 3VA13/ 14 400A/ 630A)	29080.- 38055.- 44935.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	38055.- 44935.-
Spreader links - Broadened (with phase barriers)	3VA9153-0QC50 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9154-0QC50 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9253-0QC50 (for 3pole, 3VA12 250A) 3VA9254-0QC50 (for 4pole, 3VA12 250A) 3VA9483-0QC50 (for 3pole 3VA13/ 14 400A/ 630A) 3VA9484-0QC50 (for 4pole 3VA13/ 14 400A/ 630A)	1395.- 1780.- 1740.- 2310.- 2330.- 3020.-	3VA9263-0QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9264-0QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9483-0QC50 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9484-0QC50 (for 4pole, 3VA23/ 24 400A/ 630A)	1880.- 2450.- 2330.- 3020.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	7980.- 10660.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	7980.- 10660.-
Rear Terminals - Flat 1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole)	3VA9113-0QE00 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9114-0QE00 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9213-0QE00 (for 3pole, 3VA12 250A) 3VA9214-0QE00 (for 4pole, 3VA12 250A) 3VA9403-0QE00 (for 3pole, 3VA13/ 14 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	2970.- 4015.- 3795.- 5080.- 6165.- 8220.-	3VA9203-0QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9204-0QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9403-0QE00 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	3795.- 5080.- 6165.- 8220.-
Phase Barriers (1 set = 2 phase barriers)	3VA9152-0WA00 (for 3VA10/ 11 100A/ 160A) 3VA9252-0WA00 (for 3VA12 250A) 3VA9482-0WA00 (for 3VA13/ 14 400A/ 630A) 3VA9602-0WA00 (for 3VA15 800A/ 1000A)	565.- 565.- 1335.- 1340.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	565.- 1335.- 1340.-
3VA Adapter for mounting on 8US 60mm busbar system	8US1213-4AU01 (for 3pole, 3VA10/ 11) 8US1213-4AP03 (for 3-pole, 3VA12) 8US1213-4AH04 (for 3pole, 3VA13/ 14)	POR	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	POR

Notes:

The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

For higher breaking capacities (110kA and 150kA) and other special application MCCB, please contact your nearest Siemens Sales Office.

For side mounted handles please contact your nearest Siemens Sales Office.

@ 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive.

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

1) Door mounted rotary handles are not available for 1pole/ 2pole 3VA1 MCCBs

^ 3VA2 800A/1000A/1250A, extended rotary operator imported version (with 8UD handles)

Standard packing of 3VA26 1250A MCCB includes spreaders & phase barriers

Std. Pkg. = 1 unit * LP - List Price POR: Price On Request

SENTRON 3VA27 moulded case circuit breakers

- Line, motor, starter protection and non-automatic circuit breaker
- Rated currents 800A to 1600A (3pole/ 4pole)
- Fixed & Draw-out variants
- Toggle lever or Stored-energy Operator (factory fitted)
- Interchangeable ETU LI/ LSI/ LSIG protection
- Short-circuit breaking capacity 55kA to 110 kA @ 415 V AC
- Communication via Modbus TCP, Modbus RTU, PROFIBUS & PROFINET
- Metering function according to IEC 61557-12

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	367375.-	3VA2712-5AB13-0AA0	494120.-
		1600	3VA2716-5AB03-0AA0	508440.-	3VA2716-5AB13-0AA0	684215.-
	85kA	1250	3VA2712-6AB03-0AA0	403585.-	3VA2712-6AB13-0AA0	543140.-
		1600	3VA2716-6AB03-0AA0	558225.-	3VA2716-6AB13-0AA0	752105.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AD03-0AA0	397550.-	3VA2712-5AD13-0AA0	523530.-
		1600	3VA2716-5AD03-0AA0	537855.-	3VA2716-5AD13-0AA0	713625.-
	85kA	1250	3VA2712-6AD03-0AA0	433005.-	3VA2712-6AD13-0AA0	573315.-
		1600	3VA2716-6AD03-0AA0	587660.-	3VA2716-6AD13-0AA0	784535.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	6555.-	1
	Alarm switch (TAS)	3VW9011-0AH14	3235.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	15080.- 15080.-	1
	Under voltage release (UVR)			
	110-120 V AC 50/60 Hz 220-240 V AC 50/60 Hz 415-440 V AC 50/60 Hz	3VW9011-0AE05 3VW9011-0AE07 3VW9011-0AE18	16320.- 16320.- 16320.-	1
	Extended Door Mounted Rotary Operator ^ (Standard - Gray)	3VW9727-0FK21	14515.-	1

$ Toggle lever variants ^3VA27 extended door mounted rotary operator (imported) with 8UD handles
All MCCBs are suitable for Front Terminals connection only.
Accessories can also be offered in factory fitted options
Please contact your nearest Siemens Sales Office for more Auxiliary combinations & choice of accessories

Std. Pkg. = 1 unit * LP - List Price

One system. Worldwide application.

The 3VA moulded case circuit breaker with UL certification

We have good news for machine and switchgear manufacturers who export worldwide: The 3VA5 and 3VA6 series of our 3VA moulded case circuit breakers with UL certification comply with the UL 489 standard as well as the IEC 60947 standard. All the functionalities of this modular and highly variable moulded case circuit breaker system can be used in plants that are operated, for example, in North America or Europe. The 3VA moulded case circuit breaker: One system. Worldwide application.

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SIEMENS

3VM moulded case circuit breaker

Efficient. Powerful.

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole options
- Breaking Capacity: 16kA to 55kA
- Fixed mounted, Plug-in version available
- Thermal Magnetic Trip Units (FTFM, ATFM, FM & AM)
- Available up to 500Vac / 500Vdc applications
- Universal platform of accessories across all sizes
- Type-2 coordination chart available for motor application

www.siemens.co.in

Certifications:

- Lloyd's Register (LR)
- Det Norske Veritas (DNV)
- Bureau Veritas (BV)
- American Bureau of Shipping (ABS)
- Russian Maritime Register of Shipping (RMRS)
- UK Declaration of Conformity
- EU Declaration of Conformity

SIEMENS

MCCB: SENTRON 3VM

- Rated current: 16A to 630A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Breaking capacity: 16kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM, AM, FM)
- Switch disconnectors
- Common Internal accessories for the entire range
- Knowledge Manager (QR Code)

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit MRP@ ₹	4 Pole Type	Unit MRP@ ₹
3VM10	16kA	16	3VM1096-2ED32-0AA0	11050.-	3VM1096-2ED42-0AA0	14320.-
		20	3VM1020-2ED32-0AA0	11050.-	3VM1020-2ED42-0AA0	14320.-
		25	3VM1025-2ED32-0AA0	11050.-	3VM1025-2ED42-0AA0	14320.-
		32	3VM1032-2ED32-0AA0	11050.-	3VM1032-2ED42-0AA0	14320.-
		40	3VM1040-2ED32-0AA0	11050.-	3VM1040-2ED42-0AA0	14320.-
		50	3VM1050-2ED32-0AA0	11050.-	3VM1050-2ED42-0AA0	14320.-
		63	3VM1063-2ED32-0AA0	11050.-	3VM1063-2ED42-0AA0	14320.-
		80	3VM1080-2ED32-0AA0	12075.-	3VM1080-2ED42-0AA0	15680.-
		100	3VM1010-2ED32-0AA0	13105.-	3VM1010-2ED42-0AA0	17075.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	11450.-	3VM1096-3ED42-0AA0	14950.-
		20	3VM1020-3ED32-0AA0	11450.-	3VM1020-3ED42-0AA0	14950.-
		25	3VM1025-3ED32-0AA0	11450.-	3VM1025-3ED42-0AA0	14950.-
		32	3VM1032-3ED32-0AA0	11450.-	3VM1032-3ED42-0AA0	14950.-
		40	3VM1040-3ED32-0AA0	11450.-	3VM1040-3ED42-0AA0	14950.-
		50	3VM1050-3ED32-0AA0	11450.-	3VM1050-3ED42-0AA0	14950.-
		63	3VM1063-3ED32-0AA0	11450.-	3VM1063-3ED42-0AA0	14950.-
		80	3VM1080-3ED32-0AA0	12470.-	3VM1080-3ED42-0AA0	16215.-
		100	3VM1010-3ED32-0AA0	13390.-	3VM1010-3ED42-0AA0	17425.-
3VM11		125	3VM1112-3ED32-0AA0	17160.-	3VM1112-3ED42-0AA0	22660.-
		160	3VM1116-3ED32-0AA0	22385.-	3VM1116-3ED42-0AA0	28350.-

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM1196-4ED32-0AA0	12080.-	3VM1196-4GD42-0AA0	16725.-
		20	3VM1120-4ED32-0AA0	12080.-	3VM1120-4GD42-0AA0	16725.-
		25	3VM1125-4ED32-0AA0	12080.-	3VM1125-4GD42-0AA0	16725.-
		32	3VM1132-4ED32-0AA0	12080.-	3VM1132-4GD42-0AA0	16725.-
		40	3VM1140-4ED32-0AA0	12080.-	3VM1140-4GD42-0AA0	16725.-
		50	3VM1150-4ED32-0AA0	12080.-	3VM1150-4GD42-0AA0	16725.-
		63	3VM1163-4ED32-0AA0	12080.-	3VM1163-4GD42-0AA0	16725.-
		80	3VM1180-4ED32-0AA0	12690.-	3VM1180-4GD42-0AA0	18345.-
		100	3VM1110-4ED32-0AA0	14725.-	3VM1110-4GD42-0AA0	21200.-
		125	3VM1112-4ED32-0AA0	25850.-	3VM1112-4GD42-0AA0	33605.-
		160	3VM1116-4ED32-0AA0	28555.-	3VM1116-4GD42-0AA0	37135.-
3VM12		200	3VM1220-4ED32-0AA0	30680.-	3VM1220-4GD42-0AA0	37975.-
		250	3VM1225-4ED32-0AA0	40920.-	3VM1225-4GD42-0AA0	48215.-
3VM13		320	3VM1332-4ED32-0AA0	55515.-	3VM1332-4GD42-0AA0	68640.-
		400	3VM1340-4ED32-0AA0	56975.-	3VM1340-4GD42-0AA0	70110.-
3VM14		500	3VM1450-4ED32-0AA0	62675.-	3VM1450-4GD42-0AA0	75815.-
		630	3VM1463-4ED32-0AA0	62675.-	3VM1463-4GD42-0AA0	75815.-

^ 3VM11 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

Std. Pkg. = 1 unit

AM: Adjustable Magnetic FM: Fixed Magnetic

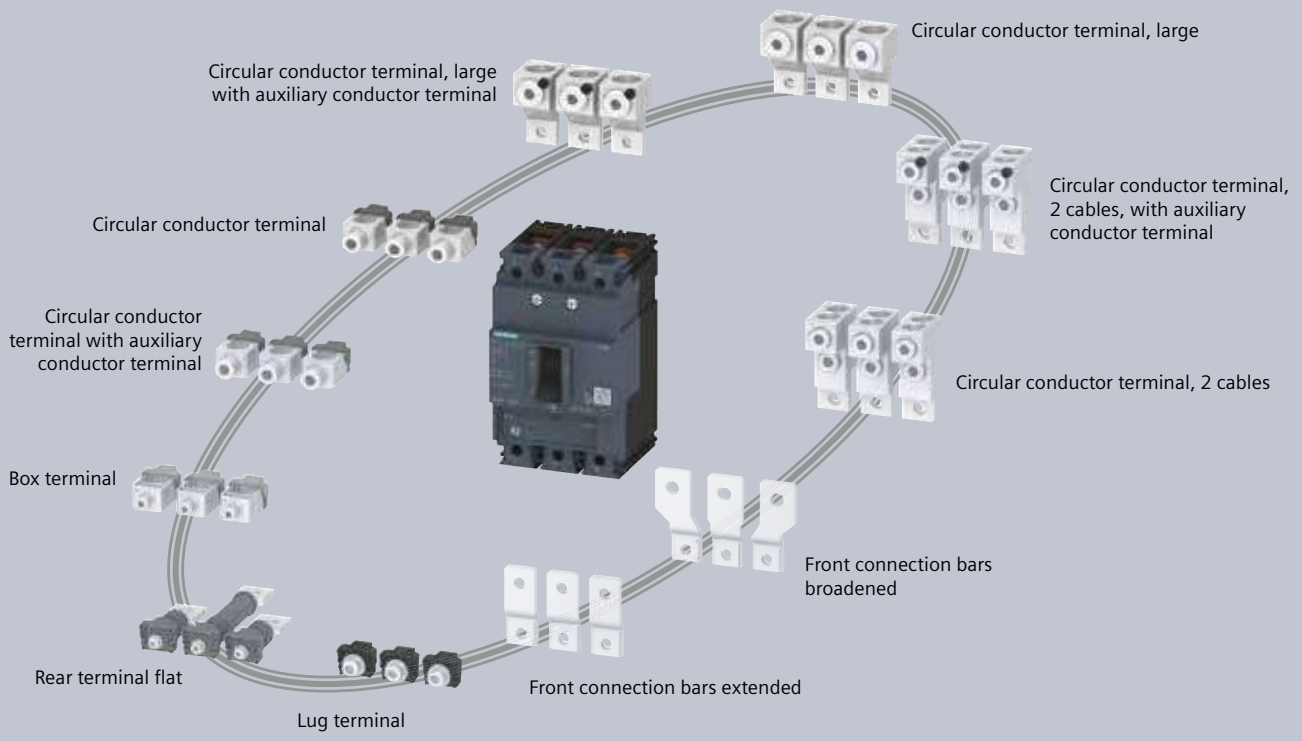
* LP - List Price

@ MRP - Max. Retail Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz (Contd.)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	13890.-	3VM1196-5GD42-0AA0	18020.-
		20	3VM1120-5ED32-0AA0	13890.-	3VM1120-5GD42-0AA0	18020.-
		25	3VM1125-5ED32-0AA0	13890.-	3VM1125-5GD42-0AA0	18020.-
		32	3VM1132-5ED32-0AA0	13890.-	3VM1132-5GD42-0AA0	18020.-
		40	3VM1140-5ED32-0AA0	13890.-	3VM1140-5GD42-0AA0	18020.-
		50	3VM1150-5ED32-0AA0	13890.-	3VM1150-5GD42-0AA0	18020.-
		63	3VM1163-5ED32-0AA0	13890.-	3VM1163-5GD42-0AA0	18020.-
		80	3VM1180-5ED32-0AA0	15220.-	3VM1180-5GD42-0AA0	19780.-
		100	3VM1110-5ED32-0AA0	17630.-	3VM1110-5GD42-0AA0	22885.-
		125	3VM1112-5ED32-0AA0	28410.-	3VM1112-5GD42-0AA0	36935.-
		160	3VM1116-5ED32-0AA0	31385.-	3VM1116-5GD42-0AA0	40835.-
3VM12		200	3VM1220-5ED32-0AA0	33950.-	3VM1220-5GD42-0AA0	43020.-
		250	3VM1225-5ED32-0AA0	44190.-	3VM1225-5GD42-0AA0	53265.-
3VM13		320	3VM1332-5ED32-0AA0	60195.-	3VM1332-5GD42-0AA0	72255.-
		400	3VM1340-5ED32-0AA0	61675.-	3VM1340-5GD42-0AA0	73730.-
3VM14		500	3VM1450-5ED32-0AA0	67360.-	3VM1450-5GD42-0AA0	79420.-
		630	3VM1463-5ED32-0AA0	67360.-	3VM1463-5GD42-0AA0	79420.-

An extensive portfolio of connection components....



..to meet ALL installation requirements.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM1196-3EE32-0AA0	13605.-	3VM1196-3GE42-0AA0	20500.-
		20	3VM1120-3EE32-0AA0	13605.-	3VM1120-3GE42-0AA0	20500.-
		25	3VM1125-3EE32-0AA0	13605.-	3VM1125-3GE42-0AA0	20500.-
		32	3VM1132-3EE32-0AA0	13605.-	3VM1132-3GE42-0AA0	20500.-
		40	3VM1140-3EE32-0AA0	13605.-	3VM1140-3GE42-0AA0	20500.-
		50	3VM1150-3EE32-0AA0	13605.-	3VM1150-3GE42-0AA0	20500.-
		63	3VM1163-3EE32-0AA0	13605.-	3VM1163-3GE42-0AA0	20500.-
		80	3VM1180-3EE32-0AA0	13605.-	3VM1180-3GE42-0AA0	20500.-
		100	3VM1110-3EE32-0AA0	13605.-	3VM1110-3GE42-0AA0	20500.-
		125	3VM1112-3EE32-0AA0	17555.-	3VM1112-3GE42-0AA0	24025.-
		160	3VM1116-3EE32-0AA0	24155.-	3VM1116-3GE42-0AA0	30750.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	17600.-	3VM1196-4GE42-0AA0	23025.-
		20	3VM1120-4EE32-0AA0	17600.-	3VM1120-4GE42-0AA0	23025.-
		25	3VM1125-4EE32-0AA0	17600.-	3VM1125-4GE42-0AA0	23025.-
		32	3VM1132-4EE32-0AA0	17600.-	3VM1132-4GE42-0AA0	23025.-
		40	3VM1140-4EE32-0AA0	17600.-	3VM1140-4GE42-0AA0	23025.-
		50	3VM1150-4EE32-0AA0	17600.-	3VM1150-4GE42-0AA0	23025.-
		63	3VM1163-4EE32-0AA0	17600.-	3VM1163-4GE42-0AA0	23025.-
		80	3VM1180-4EE32-0AA0	17600.-	3VM1180-4GE42-0AA0	23025.-
		100	3VM1110-4EE32-0AA0	17600.-	3VM1110-4GE42-0AA0	23025.-
		125	3VM1112-4EE32-0AA0	27080.-	3VM1112-4GE42-0AA0	34485.-
		160	3VM1116-4EE32-0AA0	29340.-	3VM1116-4GE42-0AA0	38095.-
3VM12		200	3VM1220-4EE32-0AA0	42440.-	3VM1220-4GE42-0AA0	49530.-
		250	3VM1225-4EE32-0AA0	42440.-	3VM1225-4GE42-0AA0	49530.-
3VM13		320	3VM1332-4EE32-0AA0	56815.-	3VM1332-4GE42-0AA0	69555.-
		400	3VM1340-4EE32-0AA0	57340.-	3VM1340-4GE42-0AA0	69555.-
3VM14		500	3VM1450-4EE32-0AA0	64900.-	3VM1450-4GE42-0AA0	77635.-
		630	3VM1463-4EE32-0AA0	64900.-	3VM1463-4GE42-0AA0	77635.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	20050.-	3VM1196-5GE42-0AA0	25330.-
		20	3VM1120-5EE32-0AA0	20050.-	3VM1120-5GE42-0AA0	25330.-
		25	3VM1125-5EE32-0AA0	20050.-	3VM1125-5GE42-0AA0	25330.-
		32	3VM1132-5EE32-0AA0	20050.-	3VM1132-5GE42-0AA0	25330.-
		40	3VM1140-5EE32-0AA0	20050.-	3VM1140-5GE42-0AA0	25330.-
		50	3VM1150-5EE32-0AA0	20050.-	3VM1150-5GE42-0AA0	25330.-
		63	3VM1163-5EE32-0AA0	20050.-	3VM1163-5GE42-0AA0	25330.-
		80	3VM1180-5EE32-0AA0	20050.-	3VM1180-5GE42-0AA0	25330.-
		100	3VM1110-5EE32-0AA0	20050.-	3VM1110-5GE42-0AA0	25330.-
		125	3VM1112-5EE32-0AA0	31475.-	3VM1112-5GE42-0AA0	37810.-
		160	3VM1116-5EE32-0AA0	32270.-	3VM1116-5GE42-0AA0	41645.-
3VM12		200	3VM1220-5EE32-0AA0	45610.-	3VM1220-5GE42-0AA0	54420.-
		250	3VM1225-5EE32-0AA0	45610.-	3VM1225-5GE42-0AA0	54420.-
3VM13		320	3VM1332-5EE32-0AA0	61365.-	3VM1332-5GE42-0AA0	73065.-
		400	3VM1340-5EE32-0AA0	61940.-	3VM1340-5GE42-0AA0	73065.-
3VM14		500	3VM1450-5EE32-0AA0	69435.-	3VM1450-5GE42-0AA0	81140.-
		630	3VM1463-5EE32-0AA0	69435.-	3VM1463-5GE42-0AA0	81140.-

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Motor Starter Protection, 3pole, Adjustable Magnetic (AM) trip unit

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)	Unit LP* ₹
3VM11	8 [1]	3VM1108-5MG32-0AA0	17460.-
	12.5 [1]	3VM1192-5MG32-0AA0	17460.-
	20	3VM1120-5MH32-0AA0	17460.-
	32	3VM1132-5MH32-0AA0	20865.-
	40	3VM1140-5MH32-0AA0	20865.-
	50	3VM1150-5MH32-0AA0	20865.-
	63	3VM1163-5MH32-0AA0	20865.-
	80	3VM1180-5MH32-0AA0	20865.-
	100	3VM1110-5MH32-0AA0	20865.-
	125	3VM1112-5MH32-0AA0	31055.-
3VM12	160	3VM1216-5MH32-0AA0	31055.-
	200	3VM1220-5MH32-0AA0	47110.-
3VM13	250	3VM1325-5MH32-0AA0	47110.-
	320	3VM1332-5MH32-0AA0	67505.-
3VM14	400	3VM1440-5MH32-0AA0	67505.-
	500	3VM1450-5MH32-0AA0	74820.-

Please refer recommended Type-2 coordination chart.

SENTRON 3VM, Switch Disconnector (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	13035.-	3VM1163-1AA42-0AA0	19255.-
	100	3VM1110-1AA32-0AA0	13035.-	3VM1110-1AA42-0AA0	19255.-
	125	3VM1112-1AA32-0AA0	19010.-	3VM1112-1AA42-0AA0	23930.-
	160	3VM1116-1AA32-0AA0	19010.-	3VM1116-1AA42-0AA0	23930.-
3VM12	250	3VM1225-1AA32-0AA0	31640.-	3VM1225-1AA42-0AA0	42200.-
3VM13	400	3VM1340-1AA32-0AA0	40820.-	3VM1340-1AA42-0AA0	53080.-

[1] Fixed magnetic

3VM Plug in Portfolio

16A-630A, 3P & 4P

3VM MCCB

+

Plug in kit

Plug in technology

- Easy to handle
- Quick Replacement
- Safe Installation

Available as complete kit and/or conversion kit. Please contact your nearest Siemens Sales Office for further information.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM)

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA[1)]	16	3VM1196-3ED12-0AA0	5085.-	3VM1196-3ED22-0AA0	9115.-
		20	3VM1120-3ED12-0AA0	5085.-	3VM1120-3ED22-0AA0	9115.-
		25	3VM1125-3ED12-0AA0	5085.-	3VM1125-3ED22-0AA0	9115.-
		32	3VM1132-3ED12-0AA0	5085.-	3VM1132-3ED22-0AA0	9115.-
		40	3VM1140-3ED12-0AA0	5085.-	3VM1140-3ED22-0AA0	9115.-
		50	3VM1150-3ED12-0AA0	5085.-	3VM1150-3ED22-0AA0	9115.-
		63	3VM1163-3ED12-0AA0	5085.-	3VM1163-3ED22-0AA0	9115.-
		80	3VM1180-3ED12-0AA0	5590.-	3VM1180-3ED22-0AA0	9985.-
		100	3VM1110-3ED12-0AA0	6450.-	3VM1110-3ED22-0AA0	11700.-
		125	3VM1112-3ED12-0AA0	10420.-	3VM1112-3ED22-0AA0	18935.-
		160	3VM1116-3ED12-0AA0	12145.-	3VM1116-3ED22-0AA0	21865.-
3VM11	36kA[1)]	16	3VM1196-4ED12-0AA0	5500.-	3VM1196-4ED22-0AA0	9985.-
		20	3VM1120-4ED12-0AA0	5500.-	3VM1120-4ED22-0AA0	9985.-
		25	3VM1125-4ED12-0AA0	5500.-	3VM1125-4ED22-0AA0	9985.-
		32	3VM1132-4ED12-0AA0	5500.-	3VM1132-4ED22-0AA0	9985.-
		40	3VM1140-4ED12-0AA0	5500.-	3VM1140-4ED22-0AA0	9985.-
		50	3VM1150-4ED12-0AA0	5500.-	3VM1150-4ED22-0AA0	9985.-
		63	3VM1163-4ED12-0AA0	5500.-	3VM1163-4ED22-0AA0	9985.-
		80	3VM1180-4ED12-0AA0	6110.-	3VM1180-4ED22-0AA0	11025.-
		100	3VM1110-4ED12-0AA0	6580.-	3VM1110-4ED22-0AA0	12735.-
		125	3VM1112-4ED12-0AA0	11295.-	3VM1112-4ED22-0AA0	20305.-
		160	3VM1116-4ED12-0AA0	13165.-	3VM1116-4ED22-0AA0	23755.-

[1)] 1pole : Icu 25kA/ 36kA @ 240VAC, 2pole : Icu 25kA/ 36kA @ 415VAC

Earth fault protection for SENTRON 3VM moulded case circuit breaker

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	6720.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	2320.-
	4P	7UG09911	2645.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	2800.-
	4P	7UG09913	3300.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	4125.-
	4P	7UG09915	4470.-

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6500.-
	230VAC	7UG0842-1CD20	6570.-
CBCT for ELR	35 mm dia	7UG0996	2365.-
	70 mm dia	7UG0997	2705.-
	120 mm dia	7UG0999	4605.-
	210 mm dia	7UG0994	8855.-
	310 mm dia	7UG0995	13200.-

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit

* LP - List Price

Internal accessories for SENTRON 3VM10/11/12/13/14 100A-630A

MLFB	Description	Unit LP*₹
Auxiliary Switches and Alarm Switches (1 C/O)		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	**2190.-**
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	**2190.-**
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	**4885.-**
3VM9908-0BB12	UVR 48V DC	**4885.-**
3VM9908-0BB23	UVR 110 V AC 50/60HZ	**4885.-**
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	**4885.-**
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	**4885.-**
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	**3960.-**
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	**3960.-**
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	**3960.-**
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	**3960.-**
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	**3960.-**

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles [1)]		
3VM9117-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	**2680.-**
3VM9217-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	**3380.-**
3VM9417-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	**3815.-**
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	**3130.-**
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	**4105.-**
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	**4530.-**
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	**1405.-**
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	**1795.-**
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	**1755.-**
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	**2330.-**
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	**2350.-**
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	**3050.-**
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	**1180.-**
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	**1575.-**
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	**1590.-**
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	**2070.-**
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	**920.-**
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	**1280.-**
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	**1280.-**
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	**2435.-**
3VM9388-0LB10	Locking device for: 3VM13/ 14	**3205.-**
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. [#]	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	**6795.-**

AUX

TAS

UVR

STL

Notes:

[#] The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

[@] 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive. Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

[1)] Rotary handles are not available for 1pole/ 2pole 3VM1 MCCBs

Std. Pkg. = 1 unit

* LP - List Price

SINOVA THE POWER OF **SIMPLICITY**

3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime

NEW

Product highlights

Range

Current rating from	Ics = Icu =
160A to 630A	55kA

Microprocessor Based trip units

Color coded Knob switches	3P, 4P LSI, LSIG

Enhanced protection

Microprocessor trip units
L : Overload protection
S : Short time delayed short circuit protection
I : Instanstaneous short circuit protection
G : Ground fault protection

Enhanced protection

Approbations

RoHS	IEC 60947-1 General rules	IEC 60947-2 Circuit breakers

IEC 60947-5-1
Control circuit devices and switching elements - Electromechanical control circuit devices

www.siemens.co.in

SIEMENS

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3VJ1 moulded case circuit breakers

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Operational efficiency
Reduced downtime

www.siemens.co.in

SIEMENS

3VJ Moulded Case Circuit Breaker

3VJ10 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	3260.-	3VJ1096-0DA32-0AA0	4045.-	3VJ1096-0EA42-0AA0	5800.-
		20	3VJ1002-0DA22-0AA0	3260.-	3VJ1002-0DA32-0AA0	4045.-	3VJ1002-0EA42-0AA0	5800.-
		25	3VJ1092-0DA22-0AA0	3260.-	3VJ1092-0DA32-0AA0	4045.-	3VJ1092-0EA42-0AA0	5800.-
		32	3VJ1003-0DA22-0AA0	3260.-	3VJ1003-0DA32-0AA0	4045.-	3VJ1003-0EA42-0AA0	5800.-
		40	3VJ1004-0DA22-0AA0	3260.-	3VJ1004-0DA32-0AA0	4045.-	3VJ1004-0EA42-0AA0	5800.-
		50	3VJ1005-0DA22-0AA0	3260.-	3VJ1005-0DA32-0AA0	4045.-	3VJ1005-0EA42-0AA0	5800.-
		63	3VJ1006-0DA22-0AA0	3260.-	3VJ1006-0DA32-0AA0	4045.-	3VJ1006-0EA42-0AA0	5800.-
		80	3VJ1008-0DA22-0AA0	3260.-	3VJ1008-0DA32-0AA0	4045.-	3VJ1008-0EA42-0AA0	5800.-
		100	3VJ1010-0DA22-0AA0	3260.-	3VJ1010-0DA32-0AA0	4045.-	3VJ1010-0EA42-0AA0	5800.-
		125	3VJ1012-0DA22-0AA0	5035.-	3VJ1012-0DA32-0AA0	6070.-	3VJ1012-0EA42-0AA0	8695.-
	18kA	16	3VJ1096-1DA22-0AA0	4505.-	3VJ1096-1DA32-0AA0	6505.-	3VJ1096-1EA42-0AA0	8345.-
		20	3VJ1002-1DA22-0AA0	4505.-	3VJ1002-1DA32-0AA0	6505.-	3VJ1002-1EA42-0AA0	8345.-
		25	3VJ1092-1DA22-0AA0	4505.-	3VJ1092-1DA32-0AA0	6505.-	3VJ1092-1EA42-0AA0	8345.-
		32	3VJ1003-1DA22-0AA0	4505.-	3VJ1003-1DA32-0AA0	6505.-	3VJ1003-1EA42-0AA0	8345.-
		40	3VJ1004-1DA22-0AA0	4505.-	3VJ1004-1DA32-0AA0	6505.-	3VJ1004-1EA42-0AA0	8345.-
		50	3VJ1005-1DA22-0AA0	4505.-	3VJ1005-1DA32-0AA0	6505.-	3VJ1005-1EA42-0AA0	8345.-
		63	3VJ1006-1DA22-0AA0	4505.-	3VJ1006-1DA32-0AA0	6505.-	3VJ1006-1EA42-0AA0	8345.-
		80	3VJ1008-1DA22-0AA0	4505.-	3VJ1008-1DA32-0AA0	6505.-	3VJ1008-1EA42-0AA0	8345.-
		100	3VJ1010-1DA22-0AA0	4505.-	3VJ1010-1DA32-0AA0	6505.-	3VJ1010-1EA42-0AA0	8345.-
		125	3VJ1012-1DA22-0AA0	5215.-	3VJ1012-1DA32-0AA0	7460.-	3VJ1012-1EA42-0AA0	9705.-
	25kA	16	3VJ1096-3DA22-0AA0	5410.-	3VJ1096-3DA32-0AA0	7095.-	3VJ1096-3EA42-0AA0	9410.-
		20	3VJ1002-3DA22-0AA0	5410.-	3VJ1002-3DA32-0AA0	7095.-	3VJ1002-3EA42-0AA0	9410.-
		25	3VJ1092-3DA22-0AA0	5410.-	3VJ1092-3DA32-0AA0	7095.-	3VJ1092-3EA42-0AA0	9410.-
		32	3VJ1003-3DA22-0AA0	5410.-	3VJ1003-3DA32-0AA0	7095.-	3VJ1003-3EA42-0AA0	9410.-
		40	3VJ1004-3DA22-0AA0	5410.-	3VJ1004-3DA32-0AA0	7095.-	3VJ1004-3EA42-0AA0	9410.-
		50	3VJ1005-3DA22-0AA0	5410.-	3VJ1005-3DA32-0AA0	7095.-	3VJ1005-3EA42-0AA0	9410.-
		63	3VJ1006-3DA22-0AA0	5410.-	3VJ1006-3DA32-0AA0	7095.-	3VJ1006-3EA42-0AA0	9410.-
		80	3VJ1008-3DA22-0AA0	5410.-	3VJ1008-3DA32-0AA0	7095.-	3VJ1008-3EA42-0AA0	9410.-
		100	3VJ1010-3DA22-0AA0	5410.-	3VJ1010-3DA32-0AA0	7095.-	3VJ1010-3EA42-0AA0	9410.-
		125	3VJ1012-3DA22-0AA0	5410.-	3VJ1012-3DA32-0AA0	8105.-	3VJ1012-3EA42-0AA0	10345.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price

For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.

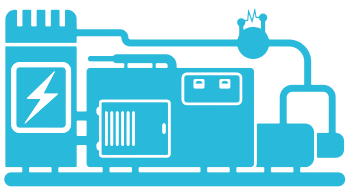
3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	10985.-	3VJ1216-3DA32-0AA0	12735.-	3VJ1216-3EA42-0AA0	16755.-
		200	3VJ1220-3DA22-0AA0	11110.-	3VJ1220-3DA32-0AA0	12935.-	3VJ1220-3EA42-0AA0	18395.-
		250	3VJ1225-3DA22-0AA0	11225.-	3VJ1225-3DA32-0AA0	14555.-	3VJ1225-3EA42-0AA0	19165.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	28830.-	3VJ1332-3EA42-0AA0	37130.-
		400	–	–	3VJ1340-3DA32-0AA0	28830.-	3VJ1340-3EA42-0AA0	37130.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8325.-	3VJ1196-5DA32-0AA0	9900.-	3VJ1196-5EA42-0AA0	13080.-
		20	3VJ1102-5DA22-0AA0	8325.-	3VJ1102-5DA32-0AA0	9900.-	3VJ1102-5EA42-0AA0	13080.-
		25	3VJ1192-5DA22-0AA0	8325.-	3VJ1192-5DA32-0AA0	9900.-	3VJ1192-5EA42-0AA0	13080.-
		32	3VJ1103-5DA22-0AA0	8325.-	3VJ1103-5DA32-0AA0	9900.-	3VJ1103-5EA42-0AA0	13080.-
		40	3VJ1104-5DA22-0AA0	8325.-	3VJ1104-5DA32-0AA0	9900.-	3VJ1104-5EA42-0AA0	13080.-
		50	3VJ1105-5DA22-0AA0	8325.-	3VJ1105-5DA32-0AA0	9900.-	3VJ1105-5EA42-0AA0	13080.-
		63	3VJ1106-5DA22-0AA0	8325.-	3VJ1106-5DA32-0AA0	9900.-	3VJ1106-5EA42-0AA0	13080.-
		80	3VJ1108-5DA22-0AA0	8325.-	3VJ1108-5DA32-0AA0	10195.-	3VJ1108-5EA42-0AA0	13485.-
		100	3VJ1110-5DA22-0AA0	8325.-	3VJ1110-5DA32-0AA0	10195.-	3VJ1110-5EA42-0AA0	13485.-
		125	3VJ1112-5DA22-0AA0	8325.-	3VJ1112-5DA32-0AA0	11215.-	3VJ1112-5EA42-0AA0	14655.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	11585.-	3VJ1216-5DA32-0AA0	14260.-	3VJ1216-5EA42-0AA0	17345.-
		200	3VJ1220-5DA22-0AA0	12205.-	3VJ1220-5DA32-0AA0	17585.-	3VJ1220-5EA42-0AA0	22695.-
		250	3VJ1225-5DA22-0AA0	13775.-	3VJ1225-5DA32-0AA0	20210.-	3VJ1225-5EA42-0AA0	26010.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	29550.-	3VJ1332-5EA42-0AA0	37850.-
		400	–	–	3VJ1340-5DA32-0AA0	29550.-	3VJ1340-5EA42-0AA0	37850.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-5DA32-0AA0	44330.-	3VJ1450-5EA42-0AA0	56780.-
		630	–	–	3VJ1463-5DA32-0AA0	44330.-	3VJ1463-5EA42-0AA0	56780.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	8760.-	3VJ1196-7DA32-0AA0	12665.-	3VJ1196-7EA42-0AA0	16710.-
		20	3VJ1102-7DA22-0AA0	8760.-	3VJ1102-7DA32-0AA0	12665.-	3VJ1102-7EA42-0AA0	16710.-
		25	3VJ1192-7DA22-0AA0	8760.-	3VJ1192-7DA32-0AA0	12665.-	3VJ1192-7EA42-0AA0	16710.-
		32	3VJ1103-7DA22-0AA0	8760.-	3VJ1103-7DA32-0AA0	12665.-	3VJ1103-7EA42-0AA0	16710.-
		40	3VJ1104-7DA22-0AA0	8760.-	3VJ1104-7DA32-0AA0	12665.-	3VJ1104-7EA42-0AA0	16710.-
		50	3VJ1105-7DA22-0AA0	8760.-	3VJ1105-7DA32-0AA0	12665.-	3VJ1105-7EA42-0AA0	16710.-
		63	3VJ1106-7DA22-0AA0	8760.-	3VJ1106-7DA32-0AA0	12665.-	3VJ1106-7EA42-0AA0	16710.-
		80	3VJ1108-7DA22-0AA0	8760.-	3VJ1108-7DA32-0AA0	12665.-	3VJ1108-7EA42-0AA0	16710.-
		100	3VJ1110-7DA22-0AA0	8760.-	3VJ1110-7DA32-0AA0	12665.-	3VJ1110-7EA42-0AA0	16710.-
		125	3VJ1112-7DA22-0AA0	8760.-	3VJ1112-7DA32-0AA0	13940.-	3VJ1112-7EA42-0AA0	18380.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	12560.-	3VJ1216-7DA32-0AA0	17640.-	3VJ1216-7EA42-0AA0	23300.-
		200	3VJ1220-7DA22-0AA0	12810.-	3VJ1220-7DA32-0AA0	20285.-	3VJ1220-7EA42-0AA0	26785.-
		250	3VJ1225-7DA22-0AA0	14030.-	3VJ1225-7DA32-0AA0	23325.-	3VJ1225-7EA42-0AA0	30810.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-7DA32-0AA0	30275.-	3VJ1332-7EA42-0AA0	38940.-
		400	–	–	3VJ1340-7DA32-0AA0	30275.-	3VJ1340-7EA42-0AA0	38940.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-7DA32-0AA0	45410.-	3VJ1450-7EA42-0AA0	58395.-
		630	–	–	3VJ1463-7DA32-0AA0	45410.-	3VJ1463-7EA42-0AA0	58395.-

Notes:

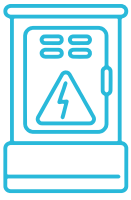
Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price



Diesel Generator

Compact Substation



Utility Feeder Panel

3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DB32-0AA0	5155.-	3VJ1096-0EB42-0AA0	6965.-
		20	3VJ1002-0DB32-0AA0	5155.-	3VJ1002-0EB42-0AA0	6965.-
		25	3VJ1092-0DB32-0AA0	5155.-	3VJ1092-0EB42-0AA0	6965.-
		32	3VJ1003-0DB32-0AA0	5155.-	3VJ1003-0EB42-0AA0	6965.-
		40	3VJ1004-0DB32-0AA0	5155.-	3VJ1004-0EB42-0AA0	6965.-
		50	3VJ1005-0DB32-0AA0	5155.-	3VJ1005-0EB42-0AA0	6965.-
		63	3VJ1006-0DB32-0AA0	5155.-	3VJ1006-0EB42-0AA0	6965.-
		80	3VJ1008-0DB32-0AA0	5155.-	3VJ1008-0EB42-0AA0	6965.-
		100	3VJ1010-0DB32-0AA0	5155.-	3VJ1010-0EB42-0AA0	6965.-
		125	3VJ1012-0DB32-0AA0	7415.-	3VJ1012-0EB42-0AA0	10465.-
	18kA	16	3VJ1096-1DB32-0AA0	7795.-	3VJ1096-1EB42-0AA0	10005.-
		20	3VJ1002-1DB32-0AA0	7795.-	3VJ1002-1EB42-0AA0	10005.-
		25	3VJ1092-1DB32-0AA0	7795.-	3VJ1092-1EB42-0AA0	10005.-
		32	3VJ1003-1DB32-0AA0	7795.-	3VJ1003-1EB42-0AA0	10005.-
		40	3VJ1004-1DB32-0AA0	7795.-	3VJ1004-1EB42-0AA0	10005.-
		50	3VJ1005-1DB32-0AA0	7795.-	3VJ1005-1EB42-0AA0	10005.-
		63	3VJ1006-1DB32-0AA0	7795.-	3VJ1006-1EB42-0AA0	10005.-
		80	3VJ1008-1DB32-0AA0	7795.-	3VJ1008-1EB42-0AA0	10005.-
		100	3VJ1010-1DB32-0AA0	7795.-	3VJ1010-1EB42-0AA0	10005.-
		125	3VJ1012-1DB32-0AA0	8935.-	3VJ1012-1EB42-0AA0	11635.-
	25kA	16	3VJ1096-3DB32-0AA0	8955.-	3VJ1096-3EB42-0AA0	11875.-
		20	3VJ1002-3DB32-0AA0	8955.-	3VJ1002-3EB42-0AA0	11875.-
		25	3VJ1092-3DB32-0AA0	8955.-	3VJ1092-3EB42-0AA0	11875.-
		32	3VJ1003-3DB32-0AA0	8955.-	3VJ1003-3EB42-0AA0	11875.-
		40	3VJ1004-3DB32-0AA0	8955.-	3VJ1004-3EB42-0AA0	11875.-
		50	3VJ1005-3DB32-0AA0	8955.-	3VJ1005-3EB42-0AA0	11875.-
		63	3VJ1006-3DB32-0AA0	8955.-	3VJ1006-3EB42-0AA0	11875.-
		80	3VJ1008-3DB32-0AA0	8955.-	3VJ1008-3EB42-0AA0	11875.-
		100	3VJ1010-3DB32-0AA0	8955.-	3VJ1010-3EB42-0AA0	11875.-
		125	3VJ1012-3DB32-0AA0	10215.-	3VJ1012-3EB42-0AA0	13055.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	14360.-	3VJ1216-3EB42-0AA0	17480.-
		200	3VJ1220-3DB32-0AA0	15505.-	3VJ1220-3EB42-0AA0	19515.-
		250	3VJ1225-3DB32-0AA0	17450.-	3VJ1225-3EB42-0AA0	22980.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	32655.-	3VJ1332-3EB42-0AA0	42055.-
		400	3VJ1340-3DB32-0AA0	32655.-	3VJ1340-3EB42-0AA0	42055.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	11875.-	3VJ1196-5EB42-0AA0	15685.-
		20	3VJ1102-5DB32-0AA0	11875.-	3VJ1102-5EB42-0AA0	15685.-
		25	3VJ1192-5DB32-0AA0	11875.-	3VJ1192-5EB42-0AA0	15685.-
		32	3VJ1103-5DB32-0AA0	11875.-	3VJ1103-5EB42-0AA0	15685.-
		40	3VJ1104-5DB32-0AA0	11875.-	3VJ1104-5EB42-0AA0	15685.-
		50	3VJ1105-5DB32-0AA0	11875.-	3VJ1105-5EB42-0AA0	15685.-
		63	3VJ1106-5DB32-0AA0	11875.-	3VJ1106-5EB42-0AA0	15685.-
		80	3VJ1108-5DB32-0AA0	11875.-	3VJ1108-5EB42-0AA0	15685.-
		100	3VJ1110-5DB32-0AA0	11875.-	3VJ1110-5EB42-0AA0	15685.-
		125	3VJ1112-5DB32-0AA0	13450.-	3VJ1112-5EB42-0AA0	17050.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	16290.-	3VJ1216-5EB42-0AA0	19805.-
		200	3VJ1220-5DB32-0AA0	21085.-	3VJ1220-5EB42-0AA0	27215.-
		250	3VJ1225-5DB32-0AA0	24240.-	3VJ1225-5EB42-0AA0	31190.-
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	33470.-	3VJ1332-5EB42-0AA0	42870.-
		400	3VJ1340-5DB32-0AA0	33470.-	3VJ1340-5EB42-0AA0	42870.-
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	50210.-	3VJ1450-5EB42-0AA0	64305.-
		630	3VJ1463-5DB32-0AA0	50210.-	3VJ1463-5EB42-0AA0	64305.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	14345.-	3VJ1196-7EB42-0AA0	18920.-
		20	3VJ1102-7DB32-0AA0	14345.-	3VJ1102-7EB42-0AA0	18920.-
		25	3VJ1192-7DB32-0AA0	14345.-	3VJ1192-7EB42-0AA0	18920.-
		32	3VJ1103-7DB32-0AA0	14345.-	3VJ1103-7EB42-0AA0	18920.-
		40	3VJ1104-7DB32-0AA0	14345.-	3VJ1104-7EB42-0AA0	18920.-
		50	3VJ1105-7DB32-0AA0	14345.-	3VJ1105-7EB42-0AA0	18920.-
		63	3VJ1106-7DB32-0AA0	14345.-	3VJ1106-7EB42-0AA0	18920.-
		80	3VJ1108-7DB32-0AA0	14345.-	3VJ1108-7EB42-0AA0	18920.-
		100	3VJ1110-7DB32-0AA0	14345.-	3VJ1110-7EB42-0AA0	18920.-
		125	3VJ1112-7DB32-0AA0	15780.-	3VJ1112-7EB42-0AA0	20820.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	18885.-	3VJ1216-7EB42-0AA0	24945.-
		200	3VJ1220-7DB32-0AA0	21720.-	3VJ1220-7EB42-0AA0	28675.-
		250	3VJ1225-7DB32-0AA0	24965.-	3VJ1225-7EB42-0AA0	32980.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	34290.-	3VJ1332-7EB42-0AA0	44100.-
		400	3VJ1340-7DB32-0AA0	34290.-	3VJ1340-7EB42-0AA0	44100.-
3VJ14 (VJ1 630)		500	3VJ1450-7DB32-0AA0	51435.-	3VJ1450-7EB42-0AA0	66145.-
		630	3VJ1463-7DB32-0AA0	51435.-	3VJ1463-7EB42-0AA0	66145.-

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	6720.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	2320.-
	4P	7UG09911	2645.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	2645.-
	4P	7UG09911	2645.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	2800.-
	4P	7UG09913	3300.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915	4470.-

Earth Leakage Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6500.-
	230VAC	7UG0842-1CD20	6570.-
CBCT for ELR	35 mm dia	7UG0996	2365.-
	70 mm dia	7UG0997	2705.-
	120 mm dia	7UG0999	4605.-
	210 mm dia	7UG0994	8855.-
	310 mm dia	7UG0995	13200.-

Note: Order 1 no of shunt trip for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit * MRP - Max. Retail Price LP = List Price

3VJ Internal accessories

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1780.-	3VJ9218-0AN11	1835.-	3VJ9218-0AN11	1835.-	3VJ9417-0AN11	1995.-
	Right	–	–	3VJ9218-0AN21	1835.-	3VJ9218-0AN21	1835.-	3VJ9417-0AN21	1995.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1780.-	3VJ9118-0AA11	1780.-	3VJ9218-0AA11	1835.-	3VJ9417-0AA11	1995.-
	Right	–	–	3VJ9118-0AA21	1780.-	3VJ9218-0AA21	1835.-	3VJ9417-0AA21	1995.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2885.-	3VJ9118-0AD11	2885.-	3VJ9218-0AD11	3025.-	3VJ9417-0AD11	3435.-
	Right	–	–	3VJ9118-0AD21	2885.-	3VJ9218-0AD21	3025.-	3VJ9417-0AD21	3435.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	3670.-	3VJ9218-0ST11	3670.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	4125.-
	48V DC	–	–	3VJ9218-0ST12	3670.-	3VJ9218-0ST12	3670.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	4125.-
	110V DC	3VJ9018-0ST15	2670.-	3VJ9218-0ST15	3670.-	3VJ9218-0ST15	3670.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	4125.-
	110V AC	3VJ9018-0ST35	2670.-	3VJ9218-0ST35	3810.-	3VJ9218-0ST35	3810.-	–	–
	220V AC	3VJ9018-0ST36	2895.-	3VJ9218-0ST36	3935.-	3VJ9218-0ST36	3935.-	3VJ9417-0ST36	4540.-
	415V AC	3VJ9018-0ST37	2895.-	3VJ9218-0ST37	3935.-	3VJ9218-0ST37	3935.-	3VJ9417-0ST37	4540.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	5255.-	3VJ9218-0UV11	5255.-	–	–
	48V DC	–	–	3VJ9218-0UV12	5255.-	3VJ9218-0UV12	5255.-	–	–
	220V AC	–	–	3VJ9218-0UV36	5520.-	3VJ9218-0UV36	5520.-	3VJ9417-0UV36	13760.-
	415V AC	–	–	3VJ9218-0UV37	5905.-	3VJ9218-0UV37	5905.-	3VJ9417-0UV37	13760.-

Internal accessories are available for 2P, 3P & 4P 3VJ MCCBs

3VJ External accessories

Frame Size / Accessory	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	2740.-	3VJ9118-0HD11	2950.-	3VJ9218-0HD11	3450.-	3VJ9417-0HD11	4560.-	3VJ9417-0HD11	4560.-
Spreader Links^	2P	3VJ9012-0ED00	235.-	3VJ9112-0ED00	260.-	3VJ9212-0ED00	790.-	–	–	–	–
	3P	3VJ9013-0ED00	400.-	3VJ9113-0ED00	420.-	3VJ9213-0ED00	1280.-	3VJ9313-0ED00	2235.-	3VJ9413-0ED00	2805.-
	4P	3VJ9014-0ED00	520.-	3VJ9114-0ED00	545.-	3VJ9214-0ED00	1670.-	3VJ9314-0ED00	3150.-	3VJ9414-0ED00	3965.-
Phase Barriers#		3VJ9018-0CA00	185.-	3VJ9218-0CA00	290.-	3VJ9218-0CA00	290.-	3VJ9417-0CA00	330.-	3VJ9417-0CA00	330.-
Front Barriers$	2P/3P	3VJ9016-0CJ30	425.-	3VJ9116-0CJ30	505.-	3VJ9216-0CJ30	725.-	3VJ9413-0CJ30	945.-	3VJ9413-0CJ30	945.-
	4P	3VJ9014-0CJ40	595.-	3VJ9114-0CJ40	640.-	3VJ9214-0CJ40	845.-	3VJ9414-0CJ40	1165.-	3VJ9414-0CJ40	1165.-
Toogle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	750.-	3VJ9417-0DH10	750.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60702YQ..	6975.-	8UC60702YQ..	6975.-
SS Enclosures	2P/3P	3VJ9016-0DE11	2970.-	3VJ9116-0DE11	2970.-	3VJ9216-0DE12	6515.-	–	–	–	–
	4P	3VJ9014-0DE11	2970.-	3VJ9114-0DE11	2970.-	3VJ9214-0DE12	6515.-				
Padlock on MCCB Dolly/Knob	–	–	–	3VJ9118-0LM10	1190.-	3VJ9218-0LM10	1190.-	3VJ9317-0LM10	2885.-	3VJ9317-0LM10	2885.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	3250.-	3VJ9216-0VM10	6340.-	3VJ9313-0VM10	12360.-	3VJ9313-0VM10	12360.-
	4P	–	–	3VJ9114-0VM10	3390.-	3VJ9214-0VM10	7485.-	3VJ9314-0VM10	16530.-	3VJ9314-0VM10	16530.-

Notes:

@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.

^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.

Available as a spare; 1 set contains 2 phase barriers

$ 1 set contains 2 front barriers (top & bottom)

Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.

2P/3P SS enclosures provide inbuilt neutral link for TPN system

Padlocking devices can be used for locking MCCB in Off position

Mechanical interlocking devices can not be used along with the rotary operators

Std. Pkg. = 1 unit * MRP - Max. Retail Price

SENTRON

Transfer control devices

3KC ATC6300 & 6500

- Suitable for Utility to DG, Utility to Utility and DG to DG changeover in combination with motorized breakers
- Automatic Load management and control of tie breaker (with ATC 6500 only)
- Communication capable via expansion modules on Modbus TCP or MODBUS RTU
- Confirms to IEC 60947-6-1
- Plug-in DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

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SIEMENS

SENTRON Auto transfer controllers

In accordance with IEC 60947-6-1, IEC standard for transfer switching equipments

	3KC ATC 6300	3KC ATC 6500
Display	Yes, LCD	Yes, LCD
Network	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)
Maximum rated voltage U_e	100-480V AC L-L	100-600V AC L-L
Application type	Utility – Utility Utility - DG DG - DG	Utility – Utility Utility - DG DG - DG
Number of controllable breakers	2	3
Automatic load management (load shedding)	No	Yes
Parameterization	LCD Display | USB Front interface[1)] | Communication Modules[2)]	LCD Display | USB Front interface[1)] | Communication Modules[2)]
Expansion Modules	Yes, DI/DOs | Communication Modules	Yes, DI/DOs | Communication Modules
Communication Option	Yes, MODBUS RTU/ MODBUS TCP via expansion modules	Yes, Integrated RS485 Port (MODBUS RTU) MODBUS TCP via expansion module

[1) 2)] Available as accessory. Parameterization to be done via Powerconfig

Description	Type No	Unit LP* ₹	Std. pkg. (nos.)
Automatic Transfer Controllers			
3KC ATC 6300	**3KC9000-8TL40**	**136585.-**	**1**
3KC ATC 6500	**3KC9000-8TL50**	**POR**	**1**
Accessories | Expandable DI /DO Modules (For both ATC 6300 & 6500)			
ATC6 expansion module 4DI	**3KC9000-8TL60**	**POR**	**1**
ATC6 expansion module 4DO, SSR	**3KC9000-8TL61**	**POR**	**1**
ATC6 expansion module 2DI/2DO, SSR	**3KC9000-8TL62**	**POR**	**1**
ATC6 expansion module 2DO, relay	**3KC9000-8TL63**	**POR**	**1**
ATC6 expansion module 2DI/2DO, relay	**3KC9000-8TL64**	**POR**	**1**
Expansion modules with communication interfaces (For both ATC 6300 & 6500)			
ATC6 RS 485 expansion module	**3KC9000-8TL74**	**POR**	**1**
ATC6 Ethernet expansion module	**3KC9000-8TL75**	**POR**	**1**
USB Front interface (For both ATC 6300 & 6500)			
ATC6 USB front interface	**3KC9000-8TL73**	**POR**	**1**
IP 65 Protective Gasket			
For ATC 6300 144 x 144 mm	**3KC9000-8TL67**	**POR**	**1**
For ATC 6500 171 x 131 mm	**3KC9000-8TL68**	**POR**	**1**

POR: Price On Request

* LP - List Price

Complete Auto changeover solution with SIEMENS circuit breakers

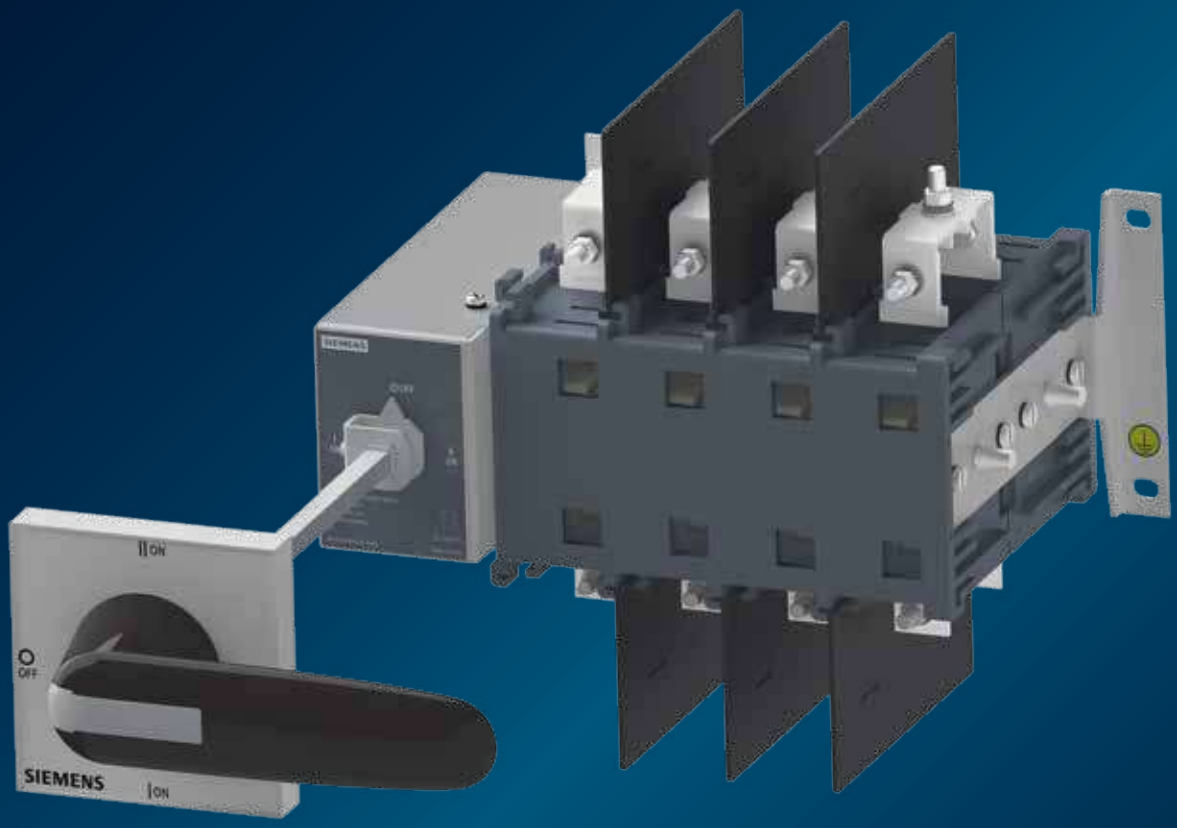
Designed and tested with

3WA

3WT*Plus*

3VA

3KC



SINOVA

On Load Changeover Switches – 3KJ

The Power of Simplicity

- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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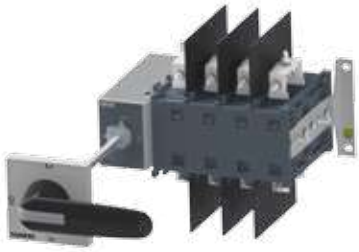
SIEMENS

Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz
- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A



Manual On Load Changeover Switch 3KJ 4-pole, for power distribution

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std.pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	7550.-	3KJ1126-4AA20-1AA0	14925.-	1
		100	3KJ1130-4AA20-0AA0	10035.-	3KJ1130-4AA20-1AA0	17535.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	15030.-	3KJ0132-4AA20-1AA0	20430.-	1
		160	3KJ0134-4AA20-0AA0	16515.-	3KJ0134-4AA20-1AA0	23395.-	1
	2	200	3KJ0236-4AA20-0AA0	21030.-	3KJ0236-4AA20-1AA0	27060.-	1
		250	3KJ0238-4AA20-0AA0	25740.-	3KJ0238-4AA20-1AA0	33625.-	1
		315	3KJ0240-4AA20-0AA0	33720.-	3KJ0240-4AA20-1AA0	41100.-	1
		400	3KJ0242-4AA20-0AA0	48950.-	3KJ0242-4AA20-1AA0	61105.-	1
	3	630	3KJ0346-4AA20-0AA0	58215.-	3KJ0346-4AA20-1AA0	70355.-	1
		800	3KJ0348-4AA20-0AA0	84440.-	3KJ0348-4AA20-1AA0	101185.-	1
	4	1000	3KJ0450-4AA30-0AA0	159035.-	3KJ0450-4AA30-1AA0	174885.-	1
		1250	3KJ0452-4AA30-0AA0	195995.-	3KJ0452-4AA30-1AA0	225865.-	1
		1600	3KJ0454-4AA30-0AA0	249855.-	3KJ0454-4AA30-1AA0	304615.-	1
	5	2000	3KJ0556-4AA30-0AA0	384625.-	3KJ0556-4AA30-1AA0	419860.-	1
		2500	3KJ0558-4AA30-0AA0	493130.-	3KJ0558-4AA30-1AA0	537235.-	1
		3150	3KJ0560-4AA30-0AA0	634075.-	3KJ0560-4AA30-1AA0	728200.-	1

Notes:

3KJ On Load Changeover Switch is switch disconnector type

3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars

Non-Modular construction

POR: Price On Request

Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

Manual On Load Changeover Switch 3KJ

Auxiliary switch

Gland box

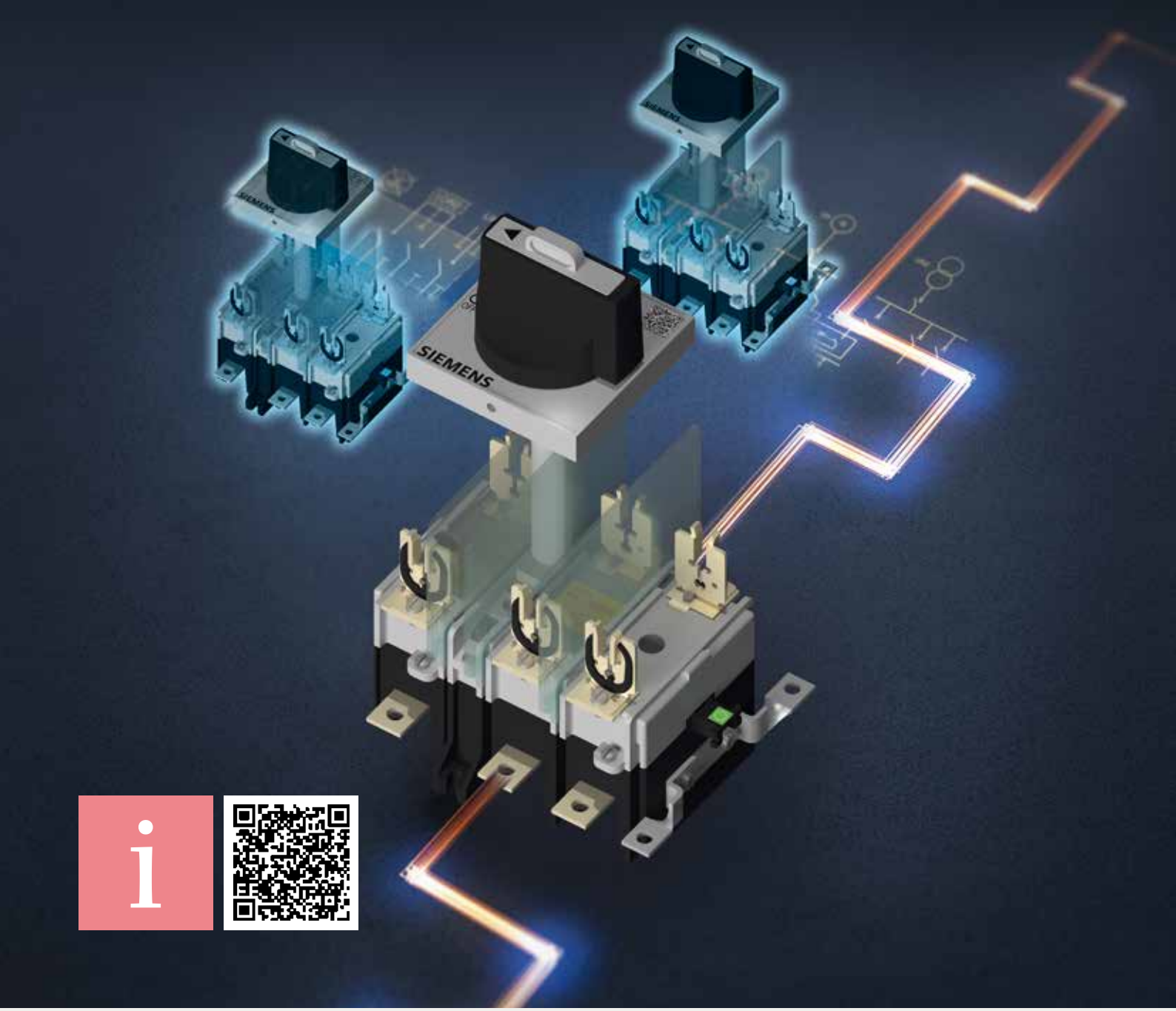
Accessories and spares

Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch [1]	1CO	3KJ9101-1AB00	755.-					1
	2CO	3KJ9101-1AD00	1510.-					1
	1NO+1NC			3KJ9001-1AB00	1960.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC			3KJ9001-1AD00	6825.-	3KJ9001-5AD00	14810.-	1
Gland box [2]	With one gland plate			3KJ9013-1MA00	4070.-	3KJ9013-2MB00	9205.-	1
Spare Phase barrier		3KJ9103-1CA00	50.-	3KJ9003-1CA00	70.-	3KJ9003-3CA00	110.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	715.-	3KJ9006-2FT00	715.-	3KJ9006-2FT00	715.-	1
Spare Shaft		3KJ9107-1GA00	240.-	3KJ9007-2GA00	240.-	3KJ9007-2GA00	240.-	1
Spare pole [3]				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
						315A 3KJ9008-2HG00		1
						400A 3KJ9008-2HH00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00		1
						400A 3KJ9002-2BE00		1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch [1]	1NO+1NC	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	1
Gland box [2]	With one gland plate	3KJ9013-3MC00	14165.-					1
Spare Phase barrier		3KJ9003-3CA00	110.-	3KJ9003-4CA00	400.-			1
	Lower side					3KJ9003-5CA10	400.-	1
	Front side					3KJ9003-5CA20	435.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	810.-					1
	Metallic			3KJ9006-4FM00	2350.-	3KJ9006-5FM00	2525.-	1
Spare Shaft		3KJ9007-4GA00	515.-	3KJ9007-4GA00	515.-	3KJ9007-5GA00	515.-	1
Spare pole [3]		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00		1
Spare Extended link				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR			1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

Notes:
1) Accessory - Auxiliary switch includes 2units. One each for position I and II
2) Accessory - Gland box is to be used with enclosed switches
3) Spare pole: For ratings 2000A, 2500A and 3150A. Use 2units of 1000A, 1250A and 1600A
POR: Price On Request

Std. Pkg. = 1 unit * MRP - Max. Retail Price



SUPERSWITCH

Switch Disconnector Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

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SIEMENS

Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection

4P

3PN

3P

2P

Switch disconnector fuse: 3KL8 4-pole, for power distribution (in Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	3940.-	3KL8111-4TJ00	4005.-	3KL8111-4TC00	4090.-	1
32A	3KL8121-4TA00	4075.-	3KL8121-4TJ00	4390.-	3KL8121-4TC00	4420.-	1
63A	3KL8151-4TA00	5485.-	3KL8151-4TJ00	5565.-	3KL8151-4TC00	5790.-	1
100A	3KL8171-4TA00	8235.-	–	–	–	–	1
100A	3KL8211-4TA00	11830.-	3KL8211-4TJ00	12900.-	–	–	1
125A	3KL8221-4TA00	14495.-	3KL8221-4TJ00	15360.-	–	–	1
160A	3KL8231-4TA00	16095.-	3KL8231-4TJ00	18665.-	–	–	1
200A	3KL8311-4UA00	23090.-	3KL8311-4UJ00	24240.-	–	–	1
250A	3KL8321-4UA00	26905.-	3KL8321-4UJ00	28730.-	–	–	1
315A	3KL8331-4UA00	32380.-	3KL8331-4UJ00	35450.-	–	–	1
400A	3KL8341-4UA00	35630.-	3KL8341-4UJ00	40955.-	–	–	1
500A	3KL8411-4UA00	57870.-	3KL8411-4UJ00	66010.-	–	–	1
630A	3KL8421-4UA00	59995.-	3KL8421-4UJ00	68395.-	–	–	1
800A$	3KL8431-4UA00	70915.-	3KL8431-4UJ00	74110.-	–	–	1

Switch disconnector fuse:3KL8 3PN for power distribution and motor protection (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	3500.-	3KL8111-5TJ00	3510.-	3KL8111-5TC00	3525.-	1
32A	3KL8121-5TA00	3555.-	3KL8121-5TJ00	3575.-	3KL8121-5TC00	3605.-	1
63A	3KL8151-5TA00	4770.-	3KL8151-5TJ00	4870.-	3KL8151-5TC00	4915.-	1
100A	3KL8171-5TA00	6830.-	–	–	–	–	1
100A	3KL8211-5TA00	9515.-	3KL8211-5TJ00	9600.-	–	–	1
125A	3KL8221-5TA00	12245.-	3KL8221-5TJ00	12300.-	–	–	1
160A	3KL8231-5TA00	13105.-	3KL8231-5TJ00	13165.-	–	–	1
200A	3KL8311-5UA00	17985.-	3KL8311-5UJ00	18525.-	–	–	1
250A	3KL8321-5UA00	20430.-	3KL8321-5UJ00	20985.-	–	–	1
315A	3KL8331-5UA00	24325.-	3KL8331-5UJ00	24735.-	–	–	1
400A	3KL8341-5UA00	29315.-	3KL8341-5UJ00	29750.-	–	–	1
500A	3KL8411-5UA00	47150.-	3KL8411-5UJ00	48235.-	–	–	1
630A	3KL8421-5UA00	49660.-	3KL8421-5UJ00	52240.-	–	–	1
800A$	3KL8431-5UA00	52955.-	3KL8431-5UJ00	56605.-	–	–	1

Switch disconnector fuse: 3KL8 3-pole, for motor protection (in Open Execution)

Rated current I_e @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	3395.-	1
32A	3KL8121-1TA00	3460.-	1
63A	3KL8151-1TA00	4695.-	1
100A	3KL8211-1TA00	9345.-	1
125A	3KL8221-1TA00	11880.-	1
160A	3KL8231-1TA00	12840.-	1
200A	3KL8311-1UA00	17425.-	1
250A	3KL8321-1UA00	20320.-	1
315A	3KL8331-1UA00	23960.-	1
400A	3KL8341-1UA00	28850.-	1
500A	3KL8411-1UA00	46430.-	1
630A	3KL8421-1UA00	49350.-	1
800A$	3KL8431-1UA00	52625.-	1

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

$ 3KL8431 (800A): 710A with fuse cover

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KL8: Unit MRPs are without fuses
3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers
Please scan the QR code for brochure and Operation manual (OM)
Refer the OM for changes in dimension

Superswitch 3KL8

Switch disconnector fuse: 3KL8 2-pole (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A@	3KL8111-2TA00	3165.-	–	–	3KL8111-2TC00	3225.-	1
32A@	3KL8121-2TA00	3225.-	–	–	3KL8121-2TC00	3365.-	1
63A@	3KL8151-2TA00	4195.-	–	–	3KL8151-2TC00	4235.-	1
100A@	3KL8171-2TA00	6490.-	–	–	–	–	1
100A	3KL8211-2TA00	8935.-	3KL8211-2TJ00	9140.-	–	–	1
125A	3KL8221-2TA00	10355.-	3KL8221-2TJ00	11280.-	–	–	1
160A	3KL8231-2TA00	10770.-	3KL8231-2TJ00	12150.-	–	–	1
200A	3KL8311-2UA00	15650.-	3KL8311-2UJ00	17105.-	–	–	1
250A	3KL8321-2UA00	17045.-	3KL8321-2UJ00	18890.-	–	–	1
315A	3KL8331-2UA00	20740.-	3KL8331-2UJ00	22005.-	–	–	1
400A	3KL8341-2UA00	24710.-	3KL8341-2UJ00	25975.-	–	–	1
500A	3KL8411-2UA00	39020.-	3KL8411-2UJ00	45430.-	–	–	1
630A	3KL8421-2UA00	39910.-	3KL8421-2UJ00	46095.-	–	–	1
800A$	3KL8431-2UA00	51915.-	3KL8431-2UJ00	52085.-	–	–	1

Switch disconnector fuse in SS^ Enclosure (factory fitted)>

Rated current I_e @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	7315.-	3KL8111-4TA10	8430.-	1
	BS	3KL8111-5TJ10	7375.-	3KL8111-4TJ10	8445.-	1
	CYL	3KL8111-5TC10	7420.-	3KL8111-4TC10	8520.-	1
32A	DIN	3KL8121-5TA10	7825.-	3KL8121-4TA10	8695.-	1
	BS	3KL8121-5TJ10	7850.-	3KL8121-4TJ10	8795.-	1
	CYL	3KL8121-5TC10	7885.-	3KL8121-4TC10	8825.-	1
63A	DIN	3KL8151-5TA10	8690.-	3KL8151-4TA10	10255.-	1
	BS	3KL8151-5TJ10	8720.-	3KL8151-4TJ10	10510.-	1
	CYL	3KL8151-5TC10	8790.-	3KL8151-4TC10	10545.-	1
100A	DIN	3KL8211-5TA10	13930.-	3KL8211-4TA10	16515.-	1
	BS	3KL8211-5TJ10	14340.-	3KL8211-4TJ10	16680.-	1
125A	DIN	3KL8221-5TA10	16510.-	3KL8221-4TA10	19885.-	1
	BS	3KL8221-5TJ10	16630.-	3KL8221-4TJ10	20515.-	1
160A	DIN	3KL8231-5TA10	17715.-	3KL8231-4TA10	21865.-	1
	BS	3KL8231-5TJ10	17850.-	3KL8231-4TJ10	22010.-	1
200A	DIN	3KL8311-5UA10	25540.-	3KL8311-4UA10	35695.-	1
	BS	3KL8311-5UJ10	25740.-	3KL8311-4UJ10	36515.-	1
250A	DIN	3KL8321-5UA10	28960.-	3KL8321-4UA10	38010.-	1
	BS	3KL8321-5UJ10	29160.-	3KL8321-4UJ10	38275.-	1
315A	DIN	3KL8331-5UA10	34445.-	3KL8331-4UA10	45240.-	1
	BS	3KL8331-5UJ10	34635.-	3KL8331-4UJ10	45465.-	1
400A	DIN	3KL8341-5UA10	39730.-	3KL8341-4UA10	50725.-	1
	BS	3KL8341-5UJ10	40240.-	3KL8341-4UJ10	50940.-	1
500A	DIN	3KL8411-5UA10	59170.-	3KL8411-4UA10	74605.-	1
	BS	3KL8411-5UJ10	59345.-	3KL8411-4UJ10	75410.-	1
630A	DIN	3KL8421-5UA10	62290.-	3KL8421-4UA10	79225.-	1
	BS	3KL8421-5UJ10	62470.-	3KL8421-4UJ10	79460.-	1
800A$	DIN	3KL8431-5UA10	66870.-	3KL8431-4UA10	85055.-	1
	BS	3KL8431-5UJ10	67045.-	3KL8431-4UJ10	85275.-	1

SS ^ Enclosure for 3LK8/ 3KA8

Rated current I_e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	5370.-	1
200A-400A	3KX8345-4AC	7145.-	1
500A-800A	3KX8435-4AC 1)	11715.-	1
200A-800A	3KX8435-4AG # 2)	20115.-	1

^ SS stands for Sheet Steel

Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

^ SS stands for Sheet Steel

> 3KL8 in SS Enclosure:Includes 3KL8 SDF without fuses,SS Enclosure, front drive (Handle) and phase barriers

$ 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates. Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8

Switch Disconnector: 3KA8 for power distribution (in Open Execution)

Rated current I_e @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00@	3550.-	3KA8151-5TE00	4280.-	3KA8151-4TE00	6090.-	1
100A	–	–	3KA8171-5TE00	6660.-	3KA8171-4TE00	12250.-	1
100A	3KA8211-2TE00	6215.-	3KA8211-5TE00	8470.-	3KA8211-4TE00	14165.-	1
125A	3KA8221-2TE00	7800.-	3KA8221-5TE00	9725.-	3KA8221-4TE00	15215.-	1
160A	3KA8231-2TE00	10395.-	3KA8231-5TE00	12655.-	3KA8231-4TE00	19170.-	1
200A	3KA8311-2UE00	13220.-	3KA8311-5UE00	16340.-	3KA8311-4UE00	22245.-	1
250A	3KA8321-2UE00	14465.-	3KA8321-5UE00	17255.-	3KA8321-4UE00	27325.-	1
400A	3KA8341-2UE00	20065.-	3KA8341-5UE00	25515.-	3KA8341-4UE00	37245.-	1
630A$	3KA842□-2UE00	32185.-	3KA842□-5UE00	40500.-	3KA842□-4UE00	53315.-	1
800A$	3KA843□-2UE00	33585.-	3KA843□-5UE00	41795.-	3KA843□-4UE00	61180.-	1
1000A$	3KA844□-2UE00	44940.-	3KA844□-5UE00	60035.-	3KA844□-4UE00	75390.-	1
1250A$	3KA845□-2UE00	59090.-	3KA845□-5UE00	77880.-	3KA845□-4UE00	90630.-	1
1600A$	3KA846□-2UE00	68150.-	3KA846□-5UE00	86195.-	3KA846□-4UE00	122065.-	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing
$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KA8: Unit MRPs are inclusive of Front drive (Handle)
Please scan the QR code for Catalog and Operating instruction sheets (OIS)
Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse cover [2]	2P	DIN	3KX8150-0AE [5]	350.-	3KX8230-0JF	855.-	3KX8340-0AF	1255.-	3KX8430-0JF	1775.-	1
		BS			3KX8230-0HF	855.-			3KX8430-0HF	1775.-	1
	3P	DIN			3KX8230-0JE	855.-	3KX8340-0AE	1255.-	3KX8430-0JE	1775.-	1
		BS			3KX8230-0HE	855.-			3KX8430-0HE	1775.-	1
	4P	DIN	3KX8150-0AG [5]	595.-	3KX8230-0JG	855.-	3KX8340-0AG	1255.-	3KX8430-0JG	1775.-	1
		BS			3KX8230-0HG	855.-			3KX8430-0HG	1775.-	1
Terminal cover (1set = 2pieces)	2P	–	3KX8151-0AE	175.-	3KX8231-0AF	725.-	3KX8341-0AF	1370.-	3KX8431-0AF	1605.-	1
	3P	–			3KX8231-0AE	725.-	3KX8341-0AE	1370.-	3KX8431-0AE	1605.-	1
	4P	–	3KX8151-0AG	630.-	3KX8231-0AG	725.-	3KX8341-0AG	1370.-	3KX8431-0AG	1605.-	1
Phase barrier	–	DIN/ BS/ Cylindrical	3KX8153-0AE	70.-	3KX8153-0AE (DIN)	70.-	3KX8343-0AE	220.-	3KX8433-0AE	330.-	1
					3KX8233-0JE (BS)	70.-					1
Fuse cover phase barrier kit [3]			–	–	–	–	3KX8340-9AE	700.-	3KX8440-9AE	700.-	1
Auxiliary switch (1NO+1NC)			3SB5400-0A^#	265.-	3KX3522-1YC	1055.-	3KX3552-1YC	1270.-	3KX3582-1YC	1535.-	1
Auxiliary switch (2NO+2NC)			–	–	3KX3522-1YD	1900.-	3KX3552-1YD	2745.-	3KX3582-1YD	2965.-	1
Auxiliary switch cover			3KX8154-0AC	120.-	3KX8234-0AC	120.-	–	–	–	–	1
Front drive (Handle)			8UC6114-1BB00	1300.-	8UC6214-1BB00	1470.-	8UC6314-1BB00	2220.-	8UC6414-1BB00	3245.-	1
Operating shaft (300mm)			8UC60-31	360.-	8UC60-32	435.-	8UC60-34	845.-	8UC60-34	845.-	1
Castell interlock[1)^]			8UC6070-0YQ..	6795.-	8UC6070-1YQ..	6795.-	8UC6070-2YQ..	6975.-	8UC6070-2YQ..	6975.-	1
Depth setting template			8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	1
Fuse Monitor with auxiliary switch^ (1NO+1NC)			3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	1
			3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	1
Fuse safety barrier			3KX8150-1AC	185.-	3KX8230-1AC	240.-	–	–	–	–	1
Gland box with gland plate (1no.)			3KX8235-4DC	6225.-	3KX8235-4DC	6225.-	3KX8345-4DC	8595.-	3KX8435-4DC	13095.-	1
									3KX8435-4DG [4]	21425.-	1
Gland plate			3KX8235-4GC	1320.-	3KX8235-4GC	1320.-	3KX8345-4GC	1715.-	3KX8435-4GC	1900.-	1
									3KX8435-4GG [4]	1920.-	1

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.

2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG

5) Also,suitable for SDF with cylindrical type HRC fuses

Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00,3KL8...-3.C00

Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price # - Std. pkg. = 10

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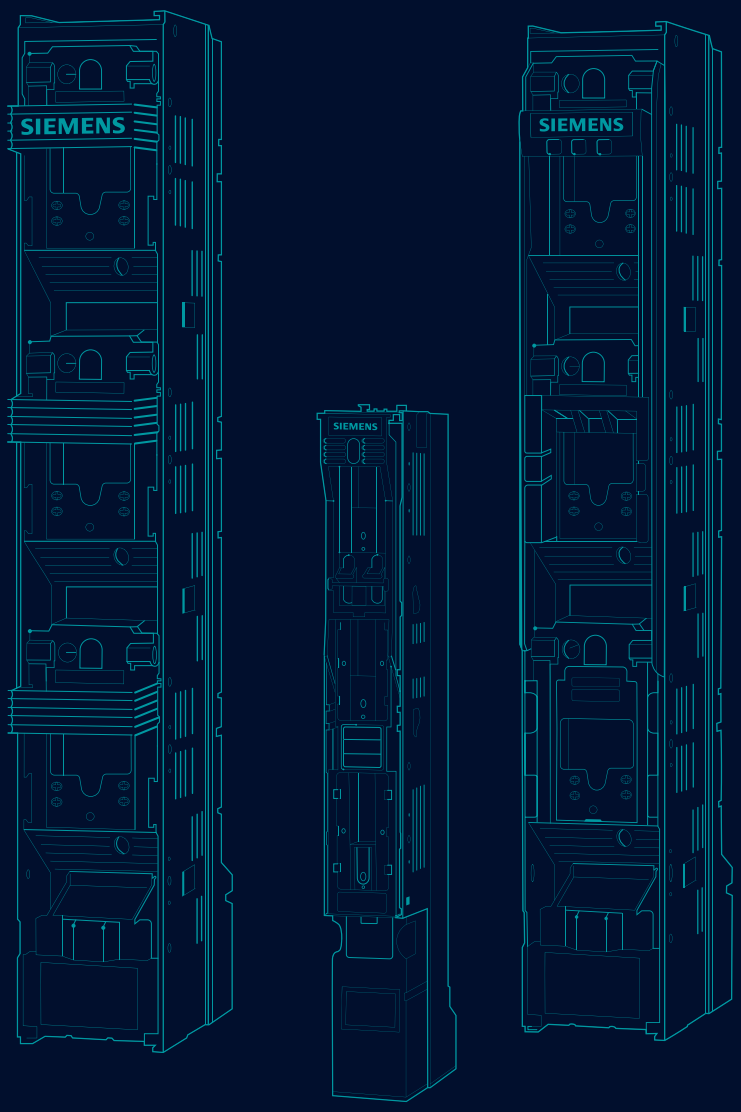


3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Rated operational current: 160A to 630A
- Operating voltage up to 690 VAC
- 1-pole or 3-pole switchable
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

Applications:

- Feeder Pillar
- Compact Substation
- Control Panels – Automotive Industry
- Smart Pole Applications
- Lighting Distribution Boards (LDB)
- Power Distribution Boards (PDB)

SIEMENS

3NJ4 Fuse Switch Disconnectors
Safe. Flexible. Efficient

Overview :

- Operating Voltage up to 690 VAC
- Rated operational current : 160A to 630A
- 1-pole or 3-pole switchable
- Busbar mounting 185 mm center to center spacing
- Suitable for fuse links NH000, NH00, NH1, NH2, NH3 and 3NA COM Fuse

3NJ4 Fuse Switch Dlsconnectors

Rated Current (A)	Switchable poles	Busbar center-to-center spacing	Fuse size (DIN type HRC fuse)	Connection	Type	Unit LP* ₹
160	1	185mm	NH00/NH000	M8 flat terminal	3NJ4101-3BF01-0RC0	POR
	3				3NJ4103-3BF01-0RC0	
250	1		NH1	M10 flat terminal	3NJ4121-3BF01-0RC0	
	3				3NJ4123-3BF01-0RC0	
400	1		NH1, NH2	M12 flat terminal	3NJ4131-3BF01-0RC0	
	3				3NJ4133-3BF01-0RC0	
630	1		NH2, NH3	M12 flat terminal	3NJ4141-3BF01-0RC0	
	3				3NJ4143-3BF01-0RC0	

Accessories for fuse switch disconnector 3NJ4

Busbar connection assembly kits for NH2 and NH3

With flat terminals

Screws	Conductor cross section	Type	Unit LP* ₹
M12	2 x 240mm²	3NJ4911-5AA00-0RC0*	POR
	2 x 300 mm² / 3 x 120 mm²	3NJ4911-5BA00-0RC0*	
M16	1 x 400 mm²	3NJ4911-5CA00-0RC0*	

Covers

Additional touch protection when using cable lugs and as spacer

Size	Busbar center-to-center spacing	Type	Unit LP* ₹
NH1 ... NH3	Connection for top and bottom	3NJ4912-1AA01-0RC0*	POR

Busbar terminals

Not for devices with transformer installation

Version	Type	Unit LP* ₹
For more rapid mounting of the switch dlsconnectors onto the busbars (1 set = 3 units)	3NJ4911-3BA01-0RC0*	POR

Auxiliary switch mounting kits

For 3-pole switchable switch disconnectors only

Version	Contacts	Type	Unit LP* ₹
For NH00 ... NH3 with connecting cables	1 CO	3NJ4913-1AA01-0RC0^	POR

* Applicable to 3NJ412, 3NJ413, 3NJ414

^ Applicable to 3NJ4101, 3NJ412, 3NJ413, 3NJ414

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

SENTRON

Fuse Switch Disconnectors - **3NP1**

End to end safety for user and systems

- Compliant with IEC 60947-1 and IEC 60947-3
- 1-pole to 4-pole versions up to 630A at 1000V AC/ DC
- Fuse and Voltage monitoring
- 40/ 60mm busbar mounting option
- Selection chart with SITOR fuses

www.siemens.com/switching-devices

SIEMENS

SENTRON 3NP1 Fuse Switch Disconnectors up to 630A
Reliable safety of personnel and systems

Overview:
- Available in five frame sizes from 100 to 630 A
- Optional for use of fuse links in LV HRC design
- 1-, 2-, 3- and 4-pole switchable

Application:
- Can be used in main and auxiliary circuits
- For non-routine switching
- VFD/ Soft Starter/ Capacitor panels

Benefits:
- Fuse puller is not required
- Mounting flexibility: Base / DIN / busbar
- AC20 / DC20 1000V

3NP1 with Floor mounting

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	1	3NP1121-1CA20	4920.-
				3	3NP1123-1CA20	8940.-
				4	3NP1124-1CA20	15610.-
160[2]	00	000,00	Flat	1	3NP1131-1CA10	5180.-
				3	3NP1133-1CA10	9350.-
				4	3NP1134-1CA10	16265.-
250[2]	1	00,1	Flat	1	3NP1141-1DA10	15090.-
				3	3NP1143-1DA10	27360.-
				4	3NP1144-1DA10	44855.-
400[2]	2	1,2	Flat	1	3NP1151-1DA10	20755.-
				3	3NP1153-1DA10	37490.-
				4	3NP1154-1DA10	60675.-
630[2]	3	2,3	Flat	1	3NP1161-1DA10	27620.-
				3	3NP1163-1DA10	50235.-
				4	3NP1164-1DA10	80505.-

1-pole

3-pole

2-pole

4-pole

3NP1 with Electronic fuse monitoring [3]

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	1	3NP1121-1CA24	17235.-
				3	3NP1123-1CA24	26680.-
160[2]	00	000,00	Flat	1	3NP1131-1CA14	16460.-
				3	3NP1133-1CA14	26920.-
250[2]	1	00,1	Flat	1	3NP1141-1DA14	27390.-
				3	3NP1143-1DA14	44855.-
400[2]	2	1,2	Flat	1	3NP1151-1DA14	33290.-
				3	3NP1153-1DA14	55475.-
630[2]	3	2,3	Flat	1	3NP1161-1DA14	40140.-
				3	3NP1163-1DA14	67760.-

1-pole with EFM

3-pole with EFM

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) EFM voltage range: 1-pole: 24 ... 240 V AC (phase to N) / 24 ... 250 V DC (L+ to L-); 3-pole: 190 ... 690 V AC (phase to phase) . Further voltage ranges are available as accessories. EFM needs external 24V DC power supply.
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories. Please refer page 52 for assembly kit selection.

Configurator for 3NP1
- Ready-to-install version
- Application specific switches
- Accessories

Std. Pkg. = 1 unit * LP - List Price

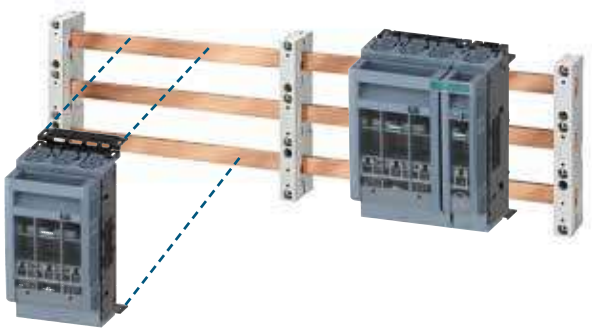
3NP1 mounting on 8US busbar

3NP1 mounting on 60mm 8US busbar system [3]

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	3	3NP1123-1BC20	13235.-
				4	3NP1124-1BC20	22045.-
160[2]	00	00	Flat	3	3NP1133-1BC10	14200.-
				4	3NP1134-1BC10	23755.-
250[2]	1	1	Flat	3	3NP1143-1BC10	45285.-
				4	3NP1144-1BC10	70585.-
400[2]	2	2	Flat	3	3NP1153-1BC10	58525.-
				4	3NP1154-1BC10	91835.-
630[2]	3	3	Flat	3	3NP1163-1BC10	74290.-
				4	3NP1164-1BC10	117840.-

8US busbar system



Accessories for 3NP1

Auxillary contact (1CO type)

3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	2060.-
00	3NP1930-1FA00	2060.-
1,2,3	3NP1940-1FA00	2240.-

Feeder terminals for 3NP1121/ 3 for use up to 160A

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	2595.-
		3	3NP1923-1BD00	5800.-

Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole[4] and 4-pole 3NP1

3NP1 Size	Type	Unit LP* ₹
000	3NP19211EC00	POR
00	3NP19311EC00	
1,2,3	3NP19411EC00	

Assembly kit for mounting 3NP1 floor type on 8US 60mm busbar system [5]

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1EE10	POR
00			3NP1931-1EE10	

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) 3NP1 also available for Rittal RiLine 60 busbar system with base
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories.
5) Contains all parts for assembly and connection.

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

Main control and EMERGENCY STOP switches 3LD2

- Rated current range: 16A-250A
- Conforms to IEC 60947-3 / UL508
- Can be used for motor & power distribution application

Main and EMERGENCY-STOP switches with rotary operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65

No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2003-0TK5□	3880.-
	25	9.5	3LD2103-0TK5□	4290.-
	32	11.5	3LD2203-0TK5□	4790.-
	63	22	3LD2504-0TK5□	8190.-
	100	37	3LD2704-0TK5□	12415.-
	125	45	3LD2804-0TK5□	15830.-
	160	75	3LD2305-0TK1□	POR
	250	132	3LD2405-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches with selector switch operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 2 padlocks,
Degree of Protection IP65,
Including terminal cover for incoming side

No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2022-0TK1□	3460.-
	25	9.5	3LD2122-0TK1□	3800.-
	32	11.5	3LD2222-0TK1□	4610.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switches with selector switch operating mechanism

Front mounting - Four hole mounting
Selector switch cannot be locked
Degree of Protection IP65
Black Actuator

No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD2123-7UK01	8500.-
	32	11.5	3LD2223-7UK01	9300.-
	63	22	3LD2524-7UK01	15375.-
	100	37	3LD2724-7UK01	28590.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

Changeover switch with knob Operated MechanismIn moulded plastic enclosure

No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	13610.-
	32	11.5	3LD22657UB01	15465.-
	63	22	3LD25667UB01	33555.-
	100	37	3LD27667UB01	57815.-

Main and EMERGENCY-STOP switches with door coupling rotary operating mechanism

Panel mounting with 300mm switch shaft -
Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65
Including terminal cover for incoming side

No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2013-0TK5□	6215.-
	25	9.5	3LD2113-0TK5□	6900.-
	32	11.5	3LD2213-0TK5□	7605.-
	63	22	3LD2514-0TK5□	9125.-
	100	37	3LD2714-0TK5□	14990.-
	125	45	3LD2814-0TK5□	18720.-
	160	75	3LD2318-0TK1□	POR
	250	132	3LD2418-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches

In Moulded plastic enclosures
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65,
with centre hole mounting
with N and/or PE ground terminals

No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2064-0TB5□	5530.-
	25	9.5	3LD2164-0TB5□	5995.-
	32	11.5	3LD2264-0TB5□	7125.-
	63	22	3LD2565-0TB5□	11795.-
	100	37	3LD2766-0TB5□	26810.-
	125	45	3LD2866-0TB5□	48525.-

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

POR: Price On Request

Std. Pkg. = 1 unit * LP - List Price

Configurator for 3LD

- Ready-to-install version
- Application specific switches
- Accessories

Accessories for 3LD2

Mounting	Description	For Switch	Type	Unit LP* ₹	Std. pkg. (nos.)
For front mounting switch	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	**3LD9220-0B**	**1750.-**	**1**
		3LD25 (63A)	**3LD9250-0BA**	**2565.-**	**1**
		3LD27 (100A) and 3LD28 (125A)	**3LD9280-0B**	**3180.-**	**1**
		3LD23 (160A) and 3LD24 (250A)	**3LD9240-0B**	**POR**	**1**
	N or PE terminal Continous	3LD20 (16A)	**3LD9200-2B**	**1170.-**	**1**
		3LD21 (25A) and 3LD22 (32A)	**3LD9220-2B**	**1335.-**	**1**
		3LD25 (63A)	**3LD9250-2BA**	**1755.-**	**1**
		3LD27 (100A) and 3LD28 (125A)	**3LD9280-2B**	**2130.-**	**1**
		3LD23 (160A) and 3LD24 (250A)	**3LD9240-2B**	**POR**	**1**
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	**3LD9200-5B**	**1945.-**	**1**
For floor and distribution board mounting switch or 3LD2 switch in moulded-plastic enclosure	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	**3LD9220-0C**	**1750.-**	**1**
		3LD25 (63A)	**3LD9250-0CA**	**2565.-**	**1**
		3LD27 (100A) and 3LD28 (125A)	**3LD9280-0C**	**3180.-**	**1**
		3LD23 (160A) and 3LD24 (250A)	**3LD9240-0C**	**POR**	**1**
	N or PE terminal Continous	3LD20 (16A)	**3LD9200-2C**	**1580.-**	**1**
		3LD21 (25A) and 3LD22 (32A)	**3LD9220-2C**	**1335.-**	**1**
		3LD25 (63A)	**3LD9250-2CA**	**1755.-**	**1**
		3LD27 (100A) and 3LD28 (125A)	**3LD9280-2C**	**2130.-**	**1**
		3LD23 (160A) and 3LD24 (250A)	**3LD9240-2C**	**POR**	**1**
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	**3LD9200-5C**	**1845.-**	**1**
Terminal cover for touch protection can be snapped on at top & bottom for front, floor and distribution board mounting	4 pole	3LD20 (16A)	**3LD9201-1A**	**595.-**	**4**
	3 pole	3LD21 (25A) and 3LD22 (32A)	**3LD9221-0A**	**555.-**	**4**
	3 pole	3LD25 (63A)	**3LD9251-0A**	**620.-**	**4**
	1 pole	3LD27 (100A) and 3LD28 (125A)	**3LD9281-2A**	**300.-**	**4**
	1 pole	3LD23 (160A) and 3LD24 (250A)	**3LD9241-2A**	**POR**	**4**
For front (four hole mounting only) and floor mounting switch or 3LD2 switch in moulded-plastic enclosure	Auxiliary switch, front-mounted, for long leading times 1NO+1NC, lagging switch-on, leading switch-off (20 ms to 150 ms)	3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28	**3LD9280-5D**	**POR**	**1**
		3LD23 and 3LD24	**3LD9240-5D**	**POR**	**1**

3LD2 maintenance and repair switches with EMC shield plate.
Please contact your nearest Siemens Sales Office for further details.

Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type	Unit LP* ₹	Std. pkg. (nos.)
Open execution	On/Off	7.5	**3LA0201-1YA**	**3405.-**	**10**
		30	**3LA0601-1YB**	**7900.-**	**5**
	System selector	5.5	**3LA0202-1YA**	**3885.-**	**10**
		30	**3LA0602-1YB**	**11050.-**	**5**
	Reversing	5.5	**3LA0203-1YA**	**3885.-**	**10**
		30	**3LA0603-1YB**	**11050.-**	**5**
	Star-delta	12	**3LA0204-5YA**	**5475.-**	**10**
		30	**3LA0604-1YB**	**15045.-**	**5**
	2 speed pole changing i) Separate windings ii) Dahlander	5.5 5.5	**3LA0205-2YA** **3LA0205-1YA**	**3885.-** **5230.-**	**10** **10**
	Reversing pole changing	5.5	**3LA0205-3YA**	**7515.-**	**10**

Spares & accessories for motor control switches**

Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	**3LX0 211-1YA**	**210.-**	**10**
Machine handle – Black	**3LX0 611-2YA**	**555.-**	**10**
Indicating dial for size 2	**3LX0 220-1YA**	**160.-**	**10**
Indicating dial for size 6	**3LX0 620-1YA**	**160.-**	**10**
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	**3LY0 220-2YA**	**160.-**	**10**
Tension spring for the drive mechanism of size 2 switch	**3LY0 210-1YA**	**145.-**	**10**

** All parts supplied loose in polythene bags.

Heavy duty switches 3LA0

No. of poles	Rated current		Open execution		
	AC 22A	AC 23A	Type	Unit LP* ₹	Std. pkg. (nos.)
2	25	16	**3LA0205-4YA**	**2330.-**	**10**
	63	52	**3LA0605-1YB**	**5605.-**	**5**
4	25	16	**3LA0205-5YA**	**3885.-**	**10**
	63	52	**3LA0605-2YB**	**10220.-**	**5**

POR: Price On Request

* LP - List Price

When it comes to safety, **nothing beats SIVACON**

SIVACON S8 Low Voltage Power Distribution Switchboard
Safe, Flexible, Efficient

SIVACON

Technolgy Partner

SIEMENS

In conformance to the IEC 61439-1&2, SIVACON S8 guarantees high performance, maximum safety and compact modularity

Features

- The only 'Arc Free' switchboards in the world
- Patented double front PCCs upto 7000A,150kA
- Patented holeless technology for connections
- Patented ventilation technique Combination of fixed, plugin & drawout feeders in the same vertical

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SIEMENS

3LD4
Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

www.siemens.co.in

SIEMENS

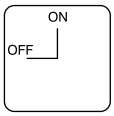
3LD4 Control Switches

The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation

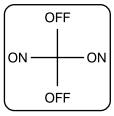
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1AA00-0RC0	1 Pole	215.-	410.-	490.-	515.-	535.-	660.-	840.-	980.-	5130.-	1
3LD4 ___ 2AA00-0RC0	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3AA00-0RC0	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4AA00-0RC0	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

90° Operation with complete rotation

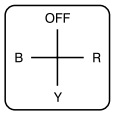


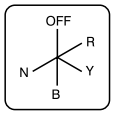
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1BC00-0RC0	1 Pole	210.-	410.-	490.-	515.-	520.-	650.-	835.-	975.-	5130.-	1
3LD4 ___ 2BC00-0RC0	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3BC00-0RC0	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4BC00-0RC0	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD4***001***3AA00-0RC0

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)





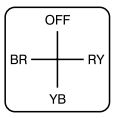
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	450.-	1
	10A	3LD41024DC200RC0	540.-	
	16A	3LD41034DC200RC0	690.-	
	20A	3LD41044DC200RC0	770.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	445.-	
	10A	3LD41024DD200RC0	535.-	
	16A	3LD41034DD200RC0	675.-	
	20A	3LD41044DD200RC0	855.-	

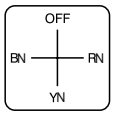
* LP - List Price

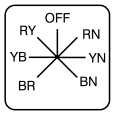
3LD4 Control Switches

Voltmeter Selector Switch (VSS)

Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	330.-	1
	10A	3LD41024DC300RC0	490.-	
	16A	3LD41034DC300RC0	625.-	
	20A	3LD41044DC300RC0	710.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	585.-	
	10A	3LD41024DC310RC0	660.-	
	16A	3LD41034DC310RC0	845.-	
	20A	3LD41044DC310RC0	935.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	585.-	
	10A	3LD41024DF300RC0	980.-	
	16A	3LD41034DF300RC0	1170.-	
	20A	3LD41044DF300RC0	1270.-	



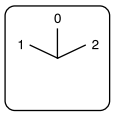




Changeover Switch

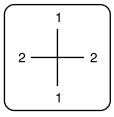
With OFF (60°)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-0RC0	1P 2W	275.-	505.-	620.-	635.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2BB10-0RC0	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3BB10-0RC0	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4BB10-0RC0	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	



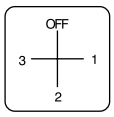
Without OFF (90°)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-0RC0	1P 2W	275.-	505.-	620.-	625.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2PC10-0RC0	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3PC10-0RC0	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4PC10-0RC0	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	



Phase Changeover Switch (PCS)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-0RC0	1P 3W	330.-	445.-	520.-	620.-	625.-	775.-	1140.-	1275.-	5450.-	1



Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD4***102***3BB10-0RC0

* LP - List Price

3LD4 Control Switches

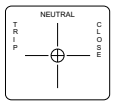
Breaker Control Switch

Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers.

BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.

Product Features

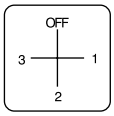
- Pistol grip handle for easy operation
- Spring return operation
- High electrical &mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-0RC0	1825.-	1
	32A	3LD4206-2BB50-0RC0	2155.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-0RC0	2200.-	
	32A	3LD4206-4BB50-0RC0	2565.-	

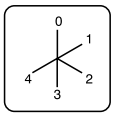
Multistep Switch

Multistep 3 Way with OFF



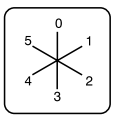
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-0RC0	1P 3W	330.-	555.-	645.-	660.-	700.-	780.-	1115.-	1260.-	6410.-	1
3LD4 ___ 2CC40-0RC0	2P 3W	450.-	650.-	780.-	935.-	1070.-	1145.-	1650.-	1855.-	9980.-	
3LD4 ___ 3CC40-0RC0	3P 3W	650.-	865.-	1325.-	1420.-	1580.-	1720.-	2195.-	2870.-	13050.-	
3LD4 ___ 4CC40-0RC0	4P 3W	835.-	1120.-	1605.-	1760.-	1970.-	2170.-	2945.-	3430.-	16480.-	

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1DD40-0RC0	1P 4W	375.-	495.-	935.-	1015.-	1120.-	1245.-	1410.-	1915.-	5670.-	1
3LD4 ___ 2DD40-0RC0	2P 4W	650.-	940.-	1105.-	1135.-	1180.-	1370.-	1770.-	2235.-	8755.-	
3LD4 ___ 3DD40-0RC0	3P 4W	910.-	1265.-	1755.-	1840.-	1970.-	2260.-	3020.-	3430.-	24120.-	

Multistep 5 Way with OFF

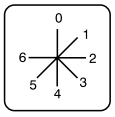


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-0RC0	1P 5W	425.-	795.-	1075.-	1215.-	1400.-	1420.-	1755.-	2050.-	6030.-	1
3LD4 ___ 2EE40-0RC0	2P 5W	765.-	1230.-	1425.-	1650.-	1910.-	2235.-	2305.-	2875.-	8750.-	

* LP - List Price

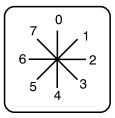
Multistep Switch

Multistep 6 Way with OFF



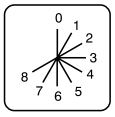
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1FF40-0RC0	1P 6W	550.-	895.-	1035.-	1140.-	1245.-	1455.-	1490.-	2415.-	1
3LD4 ___ 2FF40-0RC0	2P 6W	910.-	1335.-	1500.-	1695.-	1915.-	2320.-	2965.-	3875.-	

Multistep 7 Way with OFF



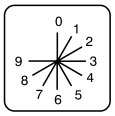
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1GG40-0RC0	1P 7W	555.-	920.-	1135.-	1240.-	1420.-	1485.-	1545.-	2400.-	1

Multistep 8 Way with OFF



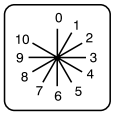
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1HH40-0RC0	1P 8W	630.-	775.-	1115.-	1290.-	1

Multistep 9 Way with OFF



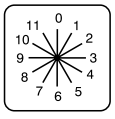
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1JJ40-0RC0	1P 9W	650.-	945.-	1150.-	1370.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1KK40-0RC0	1P 10W	765.-	1005.-	1545.-	2075.-	1

Multistep 11 Way with OFF



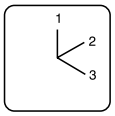
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1LL40-0RC0	1P 11W	910.-	1085.-	1695.-	2235.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD4***001***3DD40-0RC0

* LP - List Price

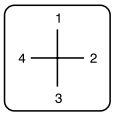
Multistep Switch

Multistep 3 Way without OFF



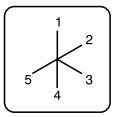
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1QB40-0RC0	1P 3W	310.-	535.-	650.-	660.-	825.-	850.-	1320.-	1485.-	5575.-	1
3LD4 ___ 2QB40-0RC0	2P 3W	450.-	810.-	920.-	1010.-	1080.-	1115.-	1650.-	1950.-	9980.-	
3LD4 ___ 3QB40-0RC0	3P 3W	650.-	1010.-	1370.-	1465.-	1580.-	1720.-	2415.-	2870.-	10720.-	
3LD4 ___ 4QB40-0RC0	4P 3W	835.-	1120.-	1585.-	1800.-	2000.-	2125.-	4690.-	5175.-	11490.-	

Multistep 4 Way without OFF



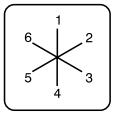
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1RC40-0RC0	1P 4W	355.-	585.-	795.-	855.-	985.-	1035.-	1425.-	1990.-	6795.-	1
3LD4 ___ 2RC40-0RC0	2P 4W	505.-	840.-	935.-	1075.-	1170.-	1275.-	1720.-	2235.-	10490.-	
3LD4 ___ 3RC40-0RC0	3P 4W	690.-	825.-	1485.-	1645.-	1860.-	2065.-	2245.-	3000.-	13830.-	

Multistep 5 Way without OFF



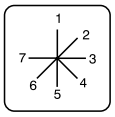
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1SD40-0RC0	1P 5W	425.-	615.-	850.-	975.-	1115.-	1370.-	1755.-	2240.-	6000.-	1
3LD4 ___ 2SD40-0RC0	2P 5W	765.-	1035.-	1170.-	1500.-	1760.-	1895.-	2430.-	3080.-	8625.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1TE40-0RC0	1P 6W	445.-	550.-	1070.-	1140.-	1245.-	1420.-	1655.-	2100.-	9980.-	1
3LD4 ___ 2TE40-0RC0	2P 6W	865.-	1050.-	1435.-	1800.-	2205.-	2265.-	2305.-	2940.-	19915.-	

Multistep 7 Way without OFF

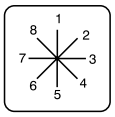


Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1UF40-0RC0	1P 7W	550.-	700.-	810.-	1120.-	1475.-	1480.-	1770.-	2630.-	1

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF

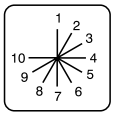


Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1VG40-0RC0	1P 8W	555.-	1095.-	1210.-	1290.-	1

Multistep 9 Way without OFF

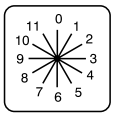
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1WH40-0RC0	1P 9W	650.-	1135.-	1920.-	2385.-	1

Multistep 10 Way without OFF



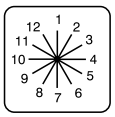
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1XJ40-0RC0	1P 10W	700.-	1155.-	2125.-	2870.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1YK40-0RC0	1P 11W	725.-	1180.-	2290.-	3025.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1ZL40-0RC0	1P 12W	795.-	1210.-	2385.-	3060.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-***001***1RC40-0RC0

* LP - List Price

SENTRON measuring devices

A comprehensive portfolio for all your energy management needs

- Precise, accurate and reliable measurement
- Scalability
- Cyber Security
- Various communication protocols

www.siemens.com/powermonitoring

SIEMENS

Energy Management System

(A) Hardware Solutions

Complete Range of Power Monitoring Devices for LV Networks

PAC 3120: Cost Effective Solution for digital measurement

- Display of instantaneous, maximum and minimum values
- Measurement of Active & Reactive Power (Import / Export / Net)
- CT polarity reversal correction from the device

PAC 3220: Specialist solution for precise energy data capture

- Dual Metering function
- Dual ethernet interface for MODBUS TCP communication
- Optional communication over PROFIBUS DP and PROFINET

PAC 4200: Professional solution for communication and monitoring

- Integrated gateway functionality for MODBUS RTU devices
- Reliable event recording with battery backup
- Sliding window for maximum demand

Description	Type	Unit LP* ₹
PAC 3120 with integrated RS 485 port for MODBUS RTU Class 0.5 accuracy, screw terminals AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	**7KM3120-0BA01-1DA0#**	**63390.-**
PAC 3220 with integrated dual ethernet port for MODBUS TCP Class 0.5 accuracy, screw terminals With AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	**7KM3220-0BA01-1DA0#**	**86600.-**
PAC 4200 with integrated ethernet port for MODBUS TCP Class 0.2s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	**7KM4212-0BA00-3AA0#**	**POR**

Expansion Modules (for PAC3220 and PAC4200)

Description	Type	Unit LP * ₹
PROFIBUS DP expansion module	**7KM9300-0AB01-0AA0**	**30915.-**
RS485 expansion module for MODBUS RTU	**7KM9300-0AM00-0AA0**	**23875.-**
Switched Ethernet PROFINET V3 expansion module	**7KM9300-0AE02-0AA0**	**POR**
Digital Expansion Module 4DI/2DO$	**7KM9200-0AB00-0AA0**	**POR**
Analog Expansion Module	**7KM9200-0AD00-0AA0**	**POR**

For extra low DC voltage (22 ... 65 V DC ± 10 %) option, please contact your nearest Siemens Sales Office.

$ Maximum 2 nos.can be connected if communication expansion module is not connected.
For exact configuration, please contact your nearest Siemens Sales Office.

PAC EXPANSION Modules

7KM PAC 3220

7KM PAC 4200

MODBUS RTU

PROFINET

PROFIBUS DP

I(N), I(Diff), Analog

PAC 4DI/2DO

(B) Software Solution

Description	Unit LP* ₹
SENTRON powermanager: Complete Energy Management Software	**POR**

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

Energy management

Detection, transparency and control of energy flows

Adaptability to Industry 4.0

Easy digitalization of “brownfield” projects

Operational flexibility

Choice of visualization via Web Interface, on premise or connect to Cloud

Safety through reliability

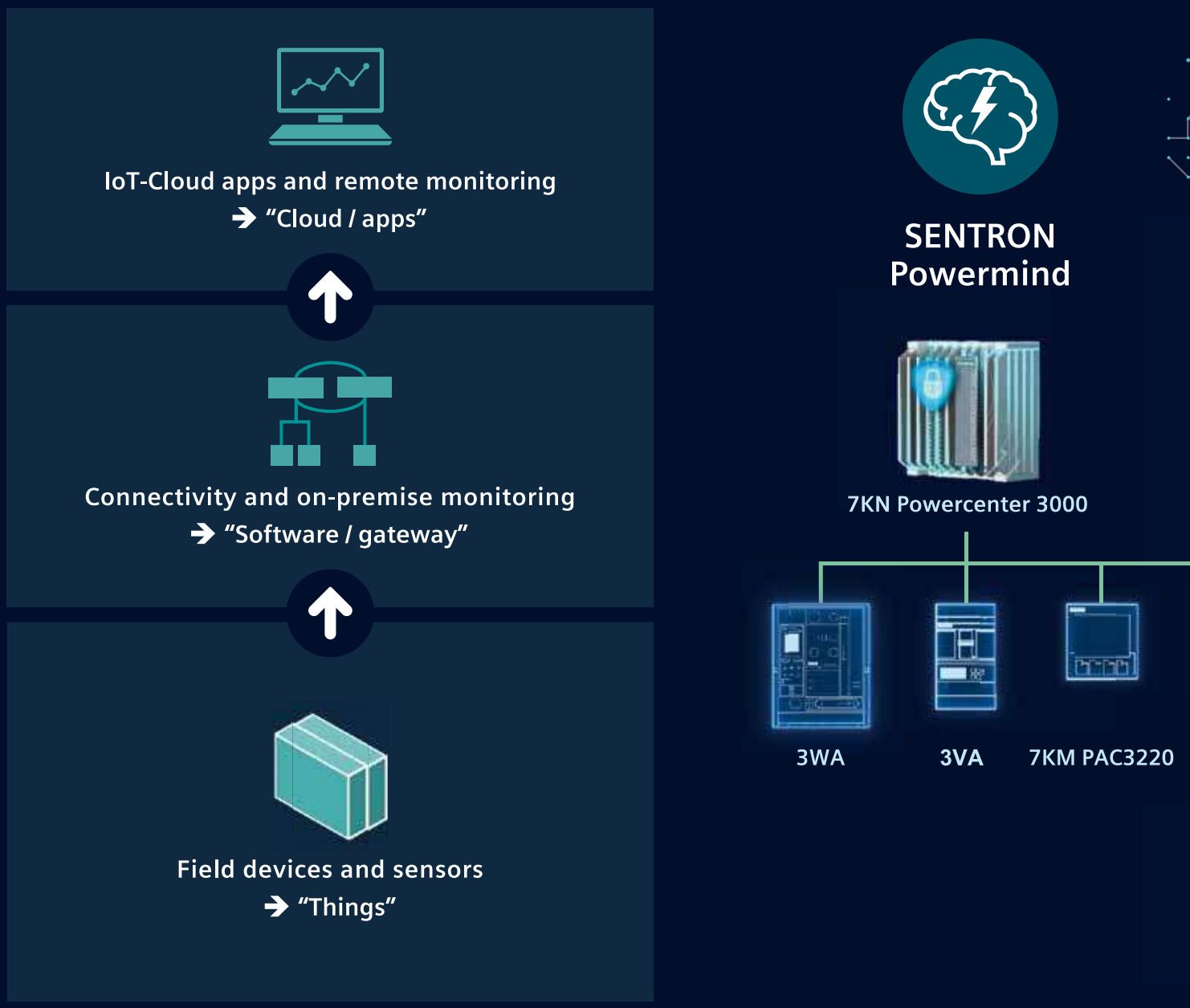
Identifying potential outages at an early stage enable preventing them

SENTRON Powercenter 3000

Gateway to the digitalization of low-voltage power distribution

Siemens/SENTRON-Digitalization

SIEMENS



SENTRON Digitalization Solution

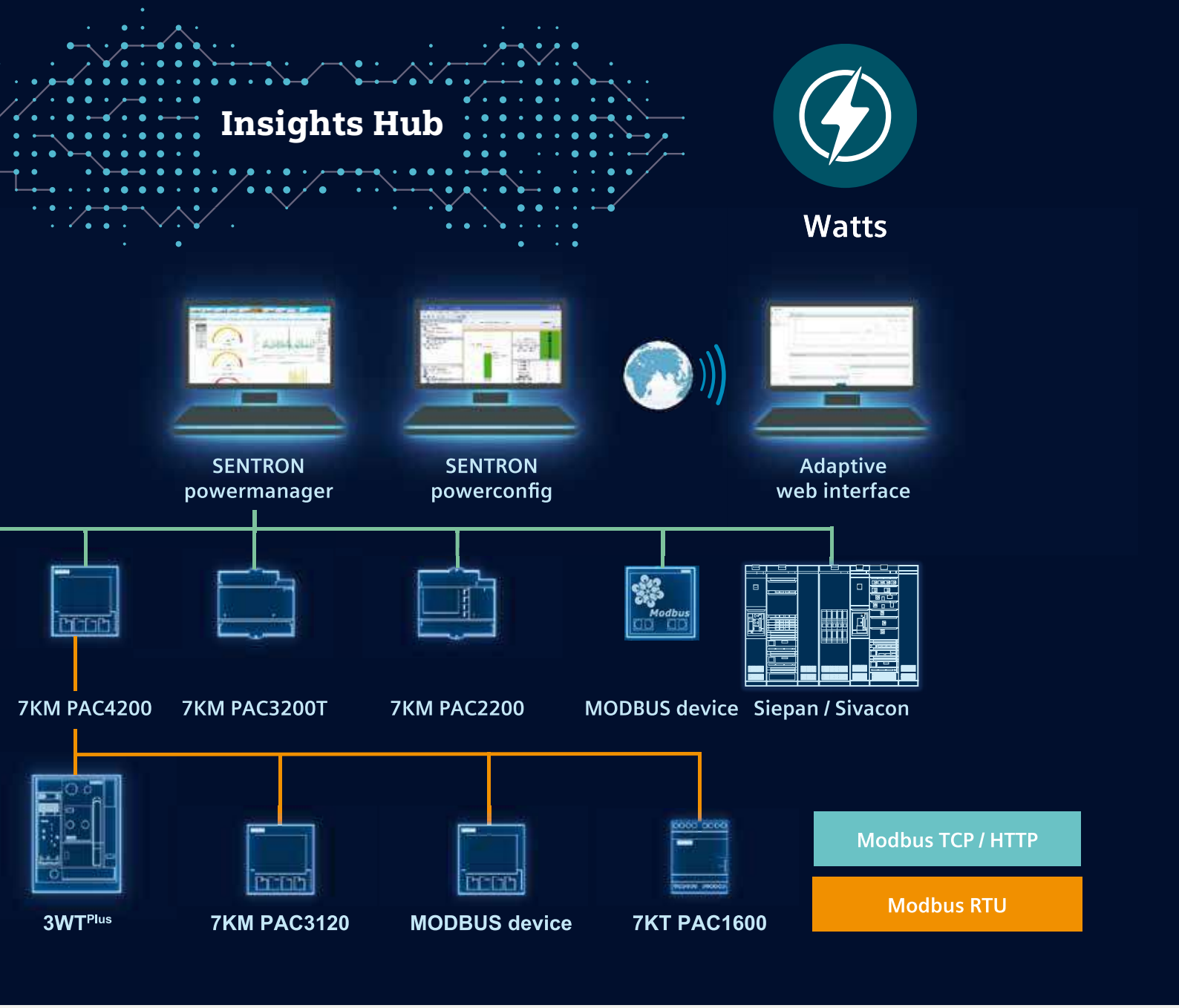
Intelligent power distribution management

Secure. Scalable. Customizable.

Turn your LV Panels into IoT enabled digital switchboards with benefits like:

- On-site or cloud-based data visualization and analysis
- Fulfill regulatory requirements (e.g., ISO 50001)
- Energy transparency and efficiency without compromising security
- Reduce unplanned downtime with condition monitoring

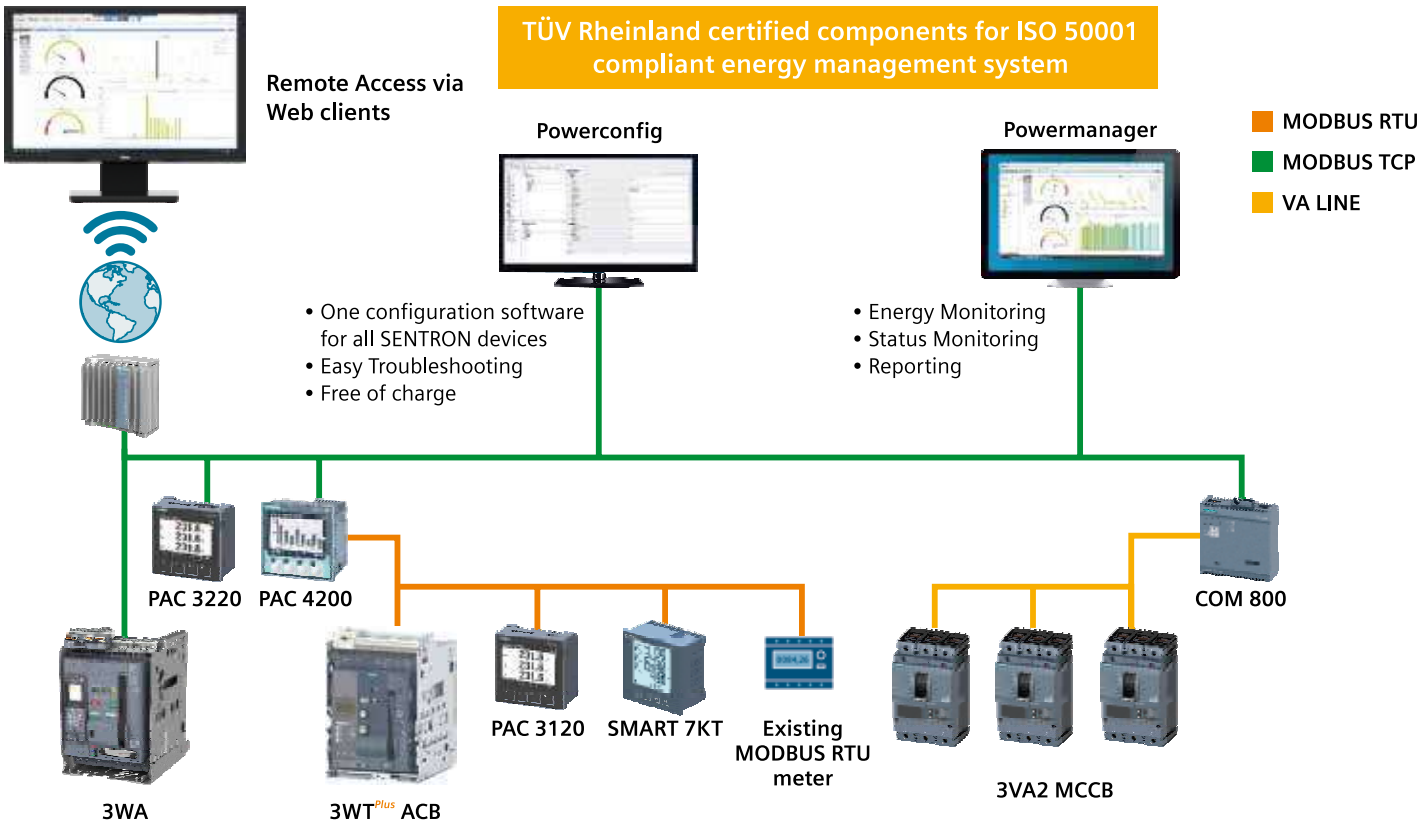
Siemens/SENTRON-Digitalization



Scan to explore

SIEMENS

Single Platform For Intelligent Power Distribution Management



Power Quality Measurement

SENTRON 7KM PAC 5200

- Measured value capture in accordance with power quality standard IEC 61000-4-30
- Recording of power quality anomalies like sag, swell and interruption
- Integrated web server to set parameters and display measured values on HTML pages

For more details, please contact your nearest Siemens Sales Office.

www.siemens.com/powermonitoring

DIN Rail Mounted Meters for energy monitoring in Infra and Building Applications

Description	Type	Unit LP* ₹
PAC 2200 DIN rail meter with integrated RS 485 port for MODBUS RTU 65A direct connection Class 1 accuracy	**7KM2200-2EA40-1DA1**	**POR**
PAC 2200 DIN rail meter with integrated ethernet port for MODBUS TCP 65A direct connection Class 1 accuracy	**7KM2200-2EA40-1EA1**	**POR**
PAC3200T DIN rail meter with integrated ethernet port for MODBUS TCP High accuracy of class 0.5 Without display	**7KM3200-0CA01-1AA0**	**POR**

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

PAC 2200 and PAC 3200T:

Reliable and Easy energy monitoring for DIN rail Applications

- Compact design on standard mounting rail
- Integrated digital input (DI) and Digital output (DO)
- Integrated web server
- Neutral conductor current display
- THD Measurement

SENTRON 7KT PAC 1600 DIN Rail mounted compact Energy Meters

- PAC 1600 range of single phase and three phase meters
- Space saving mounting by very slim construction
- Energy counters for active, reactive and apparent energy
- THD: Up to 15th harmonics

www.siemens.com/powermonitoring

7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors
- Versions: 40 A, 63 A

Sensor Bar
- Versions available for 3, 6, 9, 12

Data Manager
- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

Communication/ Software:
- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

*For more details, please contact your nearest Siemens Sales Office

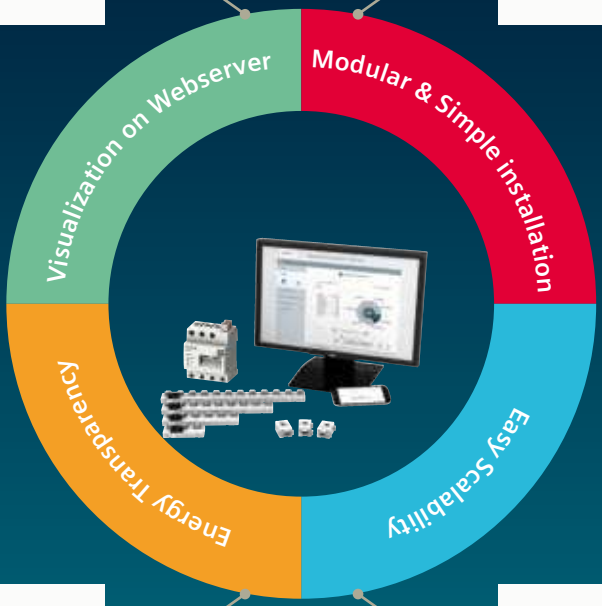
www.siemens.com/powermonitoring

SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

fast

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring



plug and play

- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring

Easy

Transparent

Cost-efficient

for more info scan QR code

SMART 7KT

Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Modern aesthetics with soft touch keys
- Large LED (multicolored) display for easy visualization

Description	Type	Unit LP ₹
VAF meter	7KT0120	4035.-
VA meter	7KT0110	3700.-
3 phase energy meter	7KT0210	8035.-

SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Graphical representation of current loading in the LCD display meters
- Modern aesthetics with soft touch keys
- Integrated Modbus RTU communication over RS 485
- Measurement of 30+ electrical parameters

Description	Type	Unit LP ₹
LCD Class 0.5s	7KT0311	21695.-
LCD Class 1	7KT0310	18125.-
Multi-line LED Class 1	7KT0308	13495.-
Single-line LED Class 1	7KT0307	8995.-

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

for more info
scan QR code

SMART 7KT Discrete DIN Meters

NEW

Power monitoring devices for DIN mounted systems

- Tested accuracy as per IEC 61557-12 and IEC 62053
- Bright LCD display for ease of reading
- Easy mounting with click fit on DIN rails
- Integrated communication in 2MW makes the meter digitalization ready
- Modern aesthetics increases the visual appeal of the panel
- RoHS compliant

Description	Type	Unit LP ₹
Single Phase Class 1 Energy Meter	**7KT0010**	**5355.-**

SMART 7KT DC Energy Meter

NEW

Power monitoring devices for DC applications

- Bi-direction (charging and discharging) current can be measured by the same device
- Time stamped data logging of events
- Load profile analysis
- Single meter measures energy consumption of four independent loads connected to one Voltage source.
- Configurable relay outputs for limit function, pulse output, alarm, etc.
- RoHS compliant

Description	Type	Unit LP ₹
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC	**7KT0810**	**24480.-**
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC	**7KT0811**	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC	**7KT0820**	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt:12 - 70V DC	**7KT0821**	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 60 - 300V AC/DC	**7KT0830**	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 12 - 70V DC	**7KT0831**	

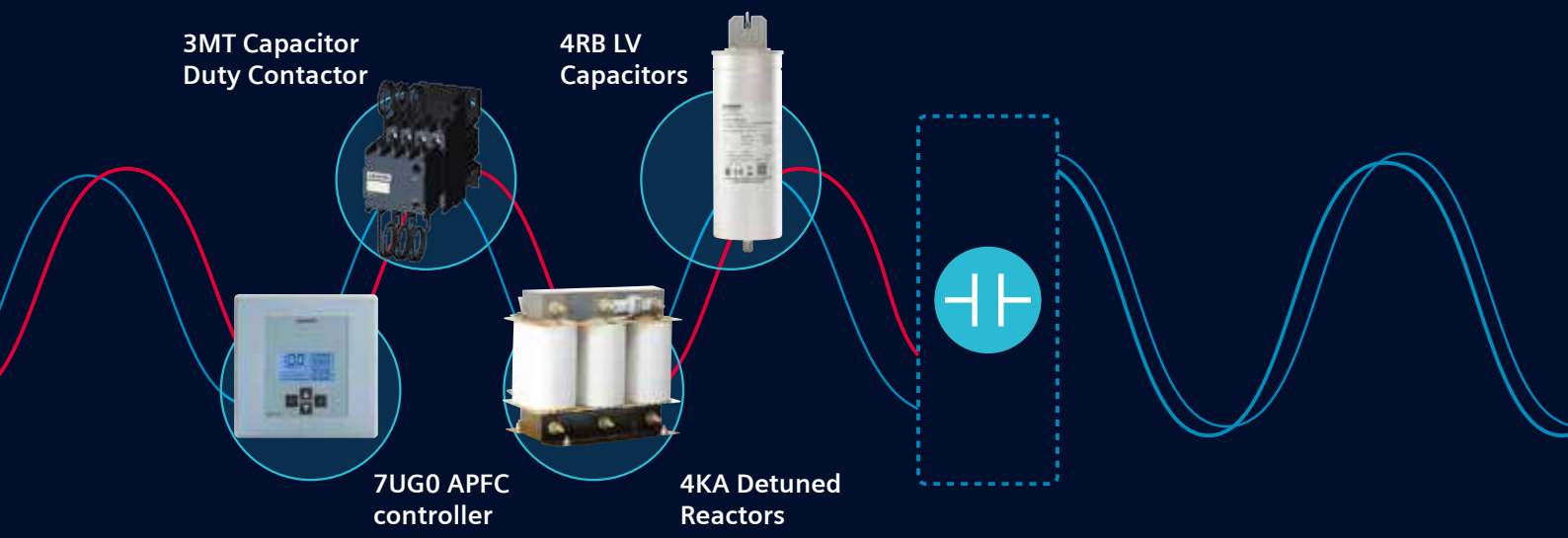
Accessories (external shunt for DC meter)

Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75mV	**7KT0911**	**865.-**
External Shunt for DC meter/ 100A/60mV	**7KT0922**	**1080.-**
External Shunt for DC meter/ 100A/75mV	**7KT0923**	**1080.-**
External Shunt for DC meter/ 150A/75mV	**7KT0924**	**1340.-**
External Shunt for DC meter/ 200A/60mV	**7KT0925**	**2385.-**

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

for more info scan QR code

Power Factor Correction



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SIECAP™ LV Power Capacitors

ND+ (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	3245.-	1
	6	4RB2060-3EE52-8K	3245.-	1
	7	4RB2070-3EE52-8K	3555.-	1
	7.5	4RB2075-3EE52-8K	3815.-	1
	8.3	4RB2083-3EE52-8K	4220.-	1
	10	4RB2100-3EE52-8K	5085.-	1
	12.5	4RB2125-3EE52-8K	5490.-	1
	15	4RB2150-3EE52-8K	6585.-	1
	20	4RB2200-3EE52-8K	8750.-	1
	20.8	4RB2208-3EE52-8K	9120.-	1
	25	4RB2250-3EE52-8K	10960.-	1
	28	4RB2280-3EE52-8K	12270.-	1
	30	4RB2300-3EE52-8K	13155.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2985.-	1
	5.5	4RB2055-3EJ52-8K	3310.-	1
	10.4	4RB2104-3EJ52-8K	5525.-	1
	11.1	4RB2111-3EJ52-8K	5635.-	1
	12.5	4RB2125-3EJ52-8K	5775.-	1
	20.8	4RB2208-3EJ52-8K	9600.-	1
	25	4RB2250-3EJ52-8K	11535.-	1
	27.7	4RB2277-3EJ52-8K	12785.-	1
	30	4RB2300-3EJ52-8K	13850.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3980.-	1
	7.5	4RB2075-3EB53-8K	5285.-	1
	10.4	4RB2104-3EB53-8K	7340.-	1
	12.5	4RB2125-3EB53-8K	7960.-	1
	15	4RB2150-3EB53-8K	9560.-	1
	20	4RB2200-3EB53-8K	12740.-	1
	25	4RB2250-3EB53-8K	15925.-	1
440	5	4RB2050-3EE53-8K	4100.-	1
	7.5	4RB2075-3EE53-8K	5285.-	1
	10	4RB2100-3EE53-8K	7050.-	1
	12.5	4RB2125-3EE53-8K	7960.-	1
	15	4RB2150-3EE53-8K	9560.-	1
	20	4RB2200-3EE53-8K	12740.-	1
	25	4RB2250-3EE53-8K	15925.-	1
	30	4RB2300-3EE53-8K	19100.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4100.-	1
	6.3	4RB2063-3EJ53-8K	4590.-	1
	10.4	4RB2104-3EJ53-8K	6865.-	1
	11	4RB2110-3EJ53-8K	7265.-	1
	12.5	4RB2125-3EJ53-8K	8250.-	1
	13.8	4RB2138-3EJ53-8K	9110.-	1
	15	4RB2150-3EJ53-8K	9895.-	1
	16.7	4RB2167-3EJ53-8K	11015.-	1
	18.7	4RB2187-3EJ53-8K	12330.-	1
	20	4RB2200-3EJ53-8K	13205.-	1
	22	4RB2220-3EJ53-8K	14505.-	1
	25	4RB2250-3EJ53-8K	16485.-	1
	28.1	4RB2281-3EJ53-8K	18535.-	1
	30	4RB2300-3EJ53-8K	19775.-	1
525	5	4RB2050-3FC53-8K	4225.-	1
	6.3	4RB2063-3FC53-8K	4740.-	1
	8.3	4RB2083-3FC53-8K	6235.-	1
	10.4	4RB2104-3FC53-8K	7095.-	1
	12.5	4RB2125-3FC53-8K	8535.-	1
	13.2	4RB2132-3FC53-8K	9015.-	1
	15	4RB2150-3FC53-8K	10230.-	1
	16.7	4RB2167-3FC53-8K	11415.-	1
	20	4RB2200-3FC53-8K	13645.-	1
	25	4RB2250-3FC53-8K	17055.-	1
	26.5	4RB2265-3FC53-8K	18080.-	1
	30	4RB2300-3FC53-8K	20475.-	1
	33.1	4RB2331-3FC53-8K	22580.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	4535.-	1
	6.3	4RB1063-3EB50-8K	5070.-	1
	7.5	4RB1075-3EB50-8K	6040.-	1
	10.4	4RB1104-3EB50-8K	8375.-	1
	12.5	4RB1125-3EB50-8K	9090.-	1
	15	4RB1150-3EB50-8K	10910.-	1
	20	4RB1200-3EB50-8K	14550.-	1
	25	4RB1250-3EB50-8K	18185.-	1
	28.1	4RB1281-3EB50-8K	20425.-	1
	30	4RB1300-3EB50-8K	21820.-	1
	33	4RB1330-3EB50-8K	24005.-	1
440	5	4RB1050-3EE50-8K	4680.-	1
	7.5	4RB1075-3EE50-8K	6040.-	1
	10	4RB1100-3EE50-8K	8055.-	1
	10.4	4RB1104-3EE50-8K	8375.-	1
	12.5	4RB1125-3EE50-8K	9090.-	1
	15	4RB1150-3EE50-8K	10910.-	1
	16.7	4RB1167-3EE50-8K	12145.-	1
	20	4RB1200-3EE50-8K	14550.-	1
	25	4RB1250-3EE50-8K	18185.-	1
	28.1	4RB1281-3EE50-8K	20425.-	1
	30	4RB1300-3EE50-8K	21820.-	1
	33.1	4RB1331-3EE50-8K	24070.-	1
480	5	4RB1050-3EJ50-8K	4680.-	1
	6.3	4RB1063-3EJ50-8K	5230.-	1
	8.3	4RB1083-3EJ50-8K	6905.-	1
	10.4	4RB1104-3EJ50-8K	7835.-	1
	11	4RB1111-3EJ50-8K	8295.-	1
	12.5	4RB1125-3EJ50-8K	9415.-	1
	13.8	4RB1138-3EJ50-8K	10405.-	1
	15	4RB1150-3EJ50-8K	11305.-	1
	16.7	4RB1167-3EJ50-8K	12575.-	1
	18.7	4RB1187-3EJ50-8K	14085.-	1
	20	4RB1200-3EJ50-8K	15075.-	1
	22	4RB1220-3EJ50-8K	16565.-	1
	25	4RB1250-3EJ50-8K	18820.-	1
	28.1	4RB1281-3EJ50-8K	21165.-	1
	30	4RB1300-3EJ50-8K	22590.-	1
	31	4RB1310-3EJ50-8K	23350.-	1
	33	4RB1330-3EJ50-8K	24865.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	4825.-	1
	6.3	4RB1063-3FC50-8K	5415.-	1
	8.3	4RB1083-3FC50-8K	7120.-	1
	10.4	4RB1104-3FC50-8K	8105.-	1
	12.5	4RB1125-3FC50-8K	9745.-	1
	13.2	4RB1132-3FC50-8K	10290.-	1
	15	4RB1150-3FC50-8K	11685.-	1
	16.7	4RB1167-3FC50-8K	13025.-	1
	20	4RB1200-3FC50-8K	15575.-	1
	25	4RB1250-3FC50-8K	19480.-	1
	26.5	4RB1265-3FC50-8K	20655.-	1
	30	4RB1300-3FC50-8K	23385.-	1
	33.1	4RB1331-3FC50-8K	25790.-	1
690	5.3	4RB1053-3GK50-8K	4265.-	1
	6.9	4RB1068-3GK50-8K	5570.-	1
	10.4	4RB1104-3GK50-8K	8375.-	1
	12.5	4RB1125-3GK50-8K	10070.-	1
	14.6	4RB1146-3GK50-8K	11760.-	1
	20	4RB1200-3GK50-8K	16105.-	1
	25	4RB1250-3GK50-8K	20135.-	1

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Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	20610.-
10kvar	5.67%	4KA1220-3AC01-0AA0	24460.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	28630.-
15kvar	5.67%	4KA1220-5AC01-0AA0	30930.-
20kvar	5.67%	4KA1220-6AC01-0AA0	33080.-
25kvar	5.67%	4KA1220-7AC01-0AA0	35390.-
5kvar	7%	4KA1220-1AA01-0AA0	20595.-
10kvar	7%	4KA1220-3AA01-0AA0	28255.-
12.5kvar	7%	4KA1220-4AA01-0AA0	30505.-
15kvar	7%	4KA1220-5AA01-0AA0	35220.-
20kvar	7%	4KA1220-6AA01-0AA0	37520.-
25kvar	7%	4KA1220-7AA01-0AA0	39485.-
50kvar	7%	4KA1220-2BA01-0AA0	70350.-
75kvar	7%	4KA1220-3BA03-0AA0	98660.-
100kvar	7%	4KA1220-4BA03-0AA0	124180.-
5kvar	14%	4KA1220-1AB01-0AA0	27115.-
12.5kvar	14%	4KA1220-4AB01-0AA0	45505.-
15kvar	14%	4KA1220-5AB01-0AA0	53290.-
20kvar	14%	4KA1220-6AB01-0AA0	64845.-
25kvar	14%	4KA1220-7AB01-0AA0	72905.-
50kvar	14%	4KA1220-2BB01-0AA0	118400.-
75kvar	14%	4KA1220-3BB03-0AA0	151470.-
100kvar	14%	4KA1220-4BB03-0AA0	220225.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	15315.-
10kvar	5.67%	4KA1420-3AC01-0AA0	19525.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	21400.-
15kvar	5.67%	4KA1420-5AC01-0AA0	25305.-
20kvar	5.67%	4KA1420-6AC01-0AA0	28855.-
25kvar	5.67%	4KA1420-7AC01-0AA0	29215.-
50kvar	5.67%	4KA1420-2BC01-0AA0	53160.-
5kvar	7%	4KA1420-1AA01-0AA0	16300.-
10kvar	7%	4KA1420-3AA01-0AA0	20975.-
12.5kvar	7%	4KA1420-4AA01-0AA0	23195.-
15kvar	7%	4KA1420-5AA01-0AA0	26145.-
20kvar	7%	4KA1420-6AA01-0AA0	27840.-
25kvar	7%	4KA1420-7AA01-0AA0	29780.-
50kvar	7%	4KA1420-2BA01-0AA0	51205.-
75kvar	7%	4KA1420-3BA03-0AA0	69570.-
100kvar	7%	4KA1420-4BA03-0AA0	90975.-
5kvar	14%	4KA1420-1AB01-0AA0	22190.-
10kvar	14%	4KA1420-3AB01-0AA0	33290.-
12.5kvar	14%	4KA1420-4AB01-0AA0	36225.-
15kvar	14%	4KA1420-5AB01-0AA0	42885.-
20kvar	14%	4KA1420-6AB01-0AA0	47610.-
25kvar	14%	4KA1420-7AB01-0AA0	58095.-
50kvar	14%	4KA1420-2BB01-0AA0	102780.-

Std. Pkg. = 1 unit

* LP - List Price

3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.

Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant

for more info scan QR code

7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	25735.-	1
	12 Stage with LCD display	7UG0572-1GT20	27570.-	1
	12 stage with LED display	7UG0572-1GT21	15765.-	1

Std. Pkg. = 1 unit * LP - List Price

Siemens Reyrolle Protection Relays

Relays for every application

Applications

- Feeder Protection
- Motor Protection
- Transformer Protection

Features

- Non Drawout / Drawout variants
- Programmable Tri-color LED's
- Communication: MODBUS RTU / IEC 103 and optional IEC 61850
- 1000 events / 10 disturbance records
- Programmable logic editor
- Easy Parameterization & Monitoring with ReyDisp Software

www.siemens.com/Reyrolle

SIEMENS

Portfolio Overview

Feeder Protection

Motor Protection

Transformer Protection

Fixed

Non-Directional

7SR1002 / 3

Directional

7SR1004

Drawout

Non-Directional

7SR11

Directional

7SR12

Non-Directional | Fixed

7SR105

Directional | Drawout

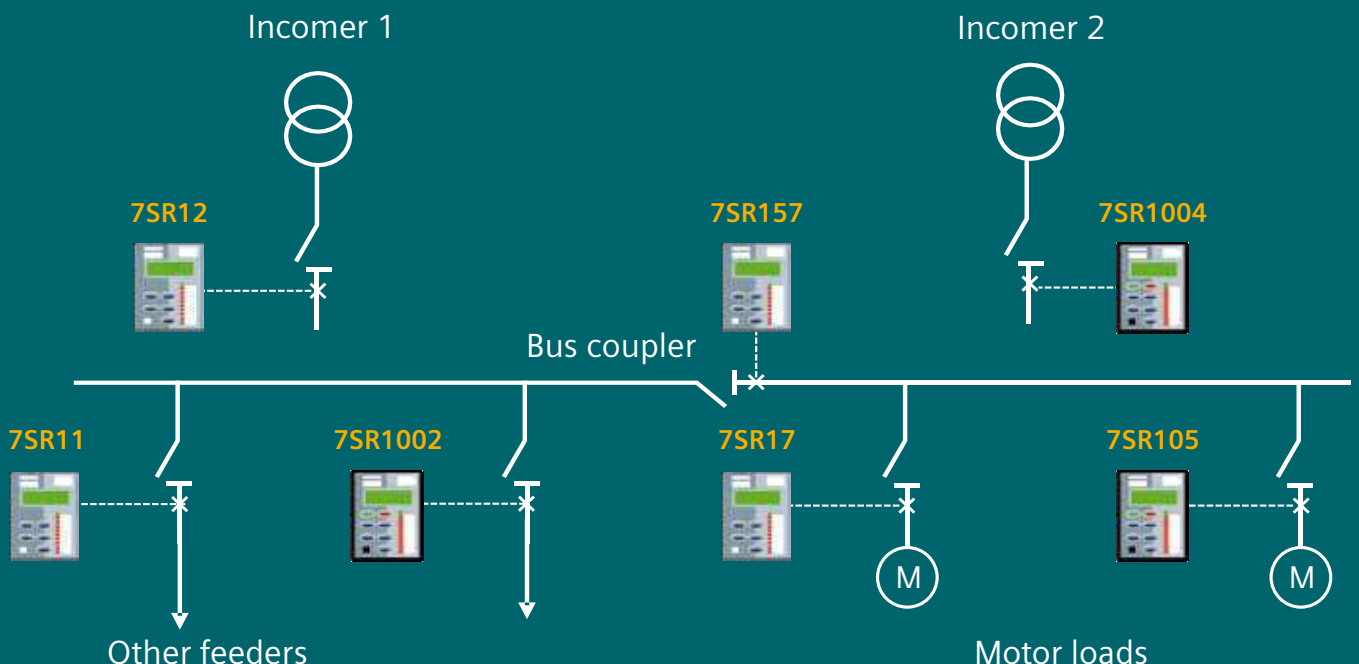
7SR17

Directional | Drawout

7SR242

Check synchronizing

7SR157



Incomers: 7SR1004 / 7SR12 – Directional overcurrent / Restricted Earth fault & Voltage based protections
Outgoing feeders: 7SR1002 / 1003 / 7SR11 – Overcurrent & Earth fault protection
Motor feeders: 7SR105 (For standard applications) 7SR17 – (Additional Voltage protections & Directional O/C)
Bus couplers: 7SR157 – For synchronizing applications

7SR Numerical Relays

		Description	Type *	Unit LP ₹
Feeder Protection		**Non Drawout | Non Directional** overcurrent relay | 6 BI 6 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 60 to 240V AC/DC | **BI Threshold:** 44V AC/DC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 46BC, 46NPS, 49, 50, 51, 50G/N, 51G/N, 50/51 SEF, 74T/CCS, 81THD, 86**	7SR1003-1LA20-2CA0	109305.-
		Non Drawout | Directional overcurrent relay | 9 BI 6 BOs | **Measuring current input:** 1/5A with SEF input | **Auxiliary voltage:** 60 to 240V AC/DC | **BI Threshold:** 88V AC/DC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 27/59, 32, 32S, 37, 46BC, 46NPS, 47NPS, 49, 50BF, 51V, 55, 59N, 60CTS, 60VTS, 64H, 67/50, 50SEF, 51G/N, 51SEF, 74T/CCS, 81U/O**	7SR1004-4KA20-2CA0	189375.-
		Drawout | Non Directional overcurrent relay | 6 BI 8 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 46BC, 46NPS, 49, 50, 50AFD, 50BF, 51, 50G/N, 51G/N, 64H, 74T/CCS, 86**	7SR1103-1MA12-1CA0	184530.-
		Drawout | Directional overcurrent relay | 6 BI 8 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 27, 59, 32, 32S, 37, 46BC, 46NPS, 47, 49, 50, 50AFD, 50BF, 51, 50N, 51N, 51V, 55, 59N, 60CTS, 64H, 67, 74T/CCS, 81U/O, 86**	7SR1206-2MA12-1CA0	205835.-
Motor Protection		**Non Drawout | Motor Protection Relay** | 6 BI 6 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 60 to 240V AC/DC | **BI Threshold:** 44V AC/DC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50/51, 50G/N, 51G/N, 50BCL, 50BF, 74T/CCS, 81B**	7SR1053-2LA21-2EA0	158650.-
		Drawout | Motor Protection Relay | 3 BI 5 BOs | **Measuring current input:** 1/5A with SEF input | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 50BF, 50BCL, 60CTS, 74T/CCS, 81B**	7SR1702-3MA12-1CA0	244855.-
		Drawout | Motor Protection Relay | 6 BI 8 BOs 4CT 3VT | **Measuring current input:** 1/5A with SEF input | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 50BF, 50BCL, 60CTS, 74T/CCS, 81B, 27/59, 32/55, 47, 60CTS, 60VTS, 67/50, 67/51, 67G/N, 81**	7SR1706-4MA12-1CA0	261190.-
Transformer Protection		**Drawout | Transfromer Protection Relay** | 9 BI 6 BOs 8CT 1VT | **Measuring current input:** 1/5A| **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 81HBL2, 81HBL5, 87BD, 87HS, 49, 50, 51, 50G/N, 51G/N, 50BF, 64H, 74TCS/CCS, 37/37G, 46BC, 46NPS**	7SR2422-2MA12-0BA0	545085.-

*** For more options on control voltage, BI/BOs, Communication protocols or protection functions please contact your nearest Siemens Sales Office**

7PJ Auxiliary & Trip Relays

		Description	Type	Unit LP ₹
Aux Relays		Auxiliary relay Single Element with self reset contacts with flag, 110V DC, 3NO+2CO, Low burden	7PJ1111-6DA20-0AA0	14035.-
		Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	14035.-
		Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	14035.-
		Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	14035.-
		Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	28185.-
		Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	28185.-
Trip Relays		Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	14035.-
		Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	14035.-
		TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	25740.-

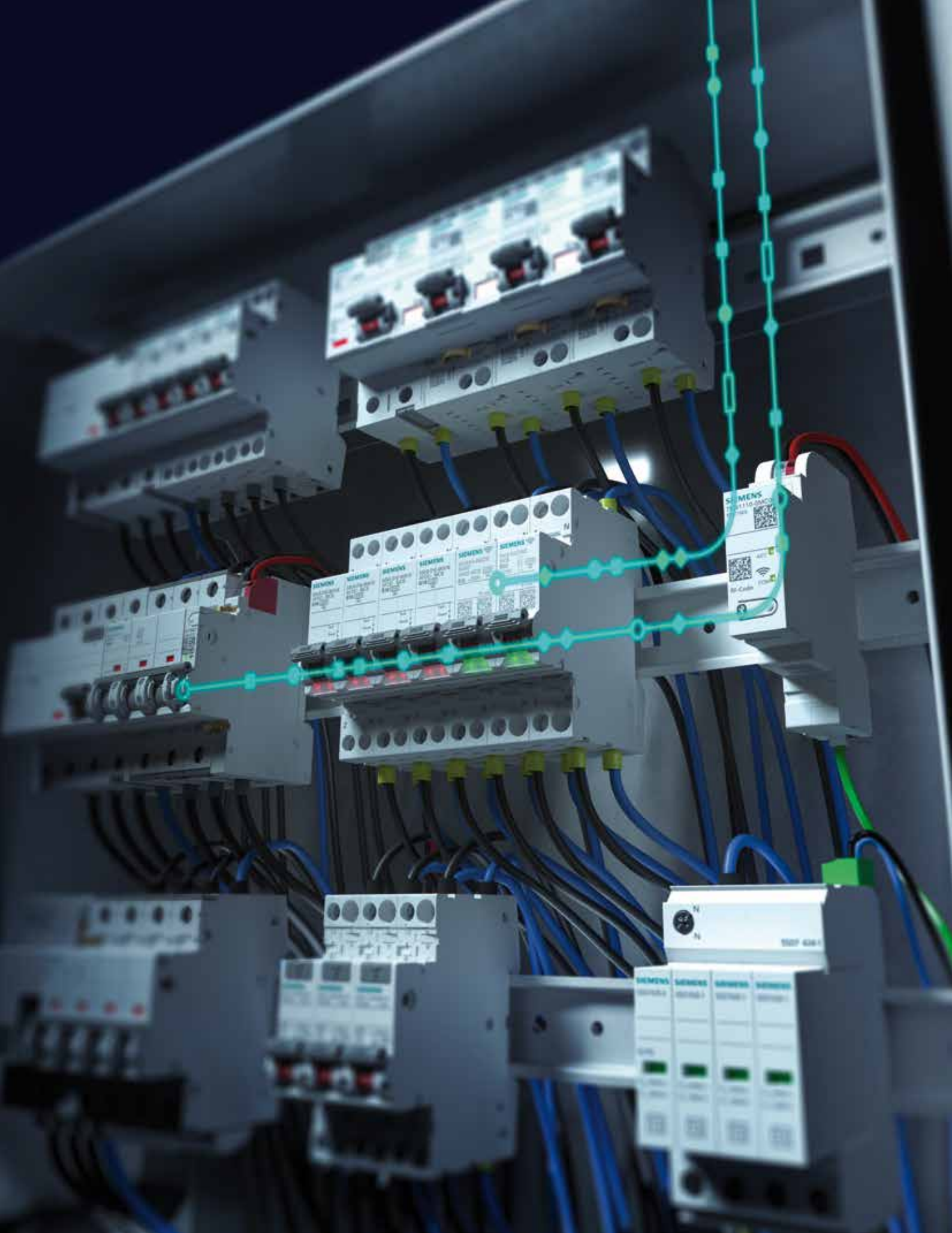
* LP - List Price Std Pkg = 1unit

SIEMENS

SENTRON
Circuit protection devices
with measuring and communication function

SENTRON Powercenter 1000 data transceiver

SENTRON 5SV6 COM AFDD/MCB



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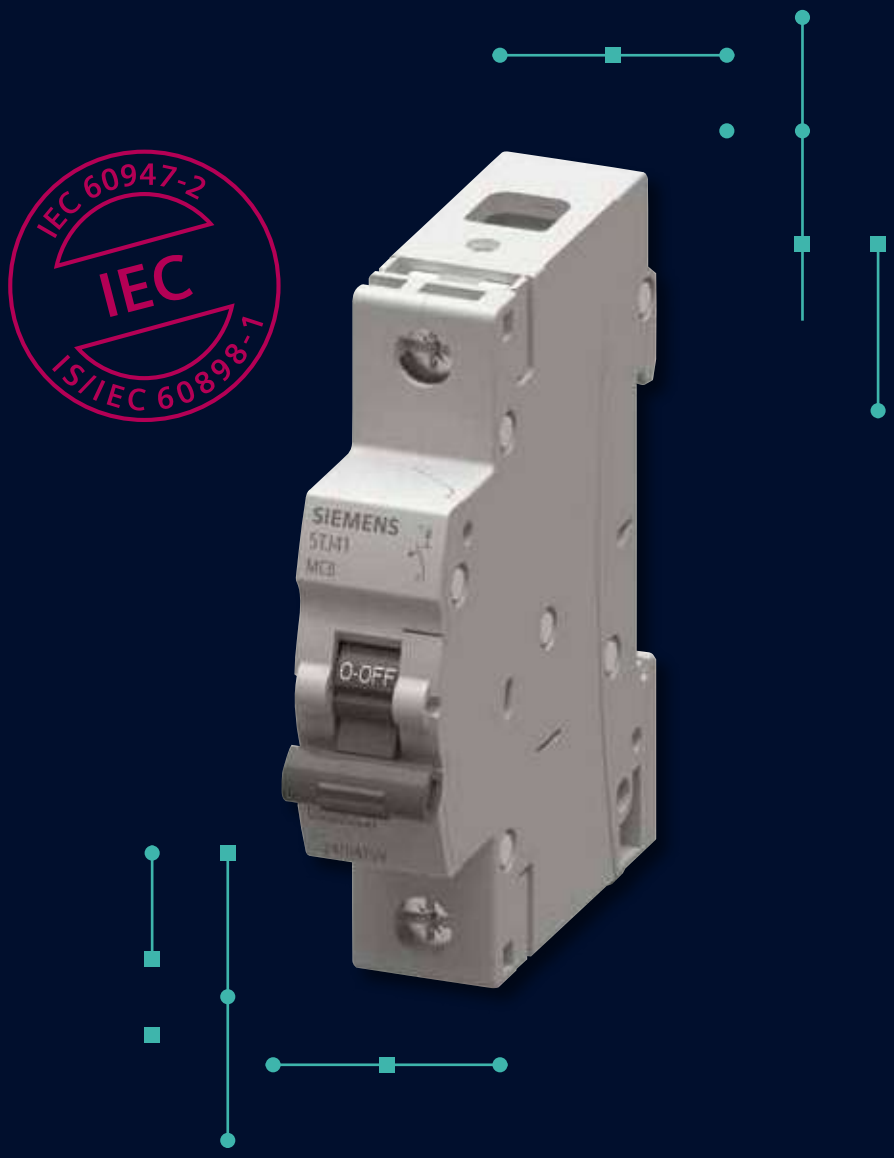
SINOVA THE POWER OF SIMPLICITY

NEW

5TJ Miniature Circuit Breakers

IEC **Safe** Complies with IEC standards	**Comprehensive range** For various applications	**Reliable** Siemens trusted quality	**RoHS compliance** Environmentally friendly



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SIEMENS

Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P &
- With ISI marking: CM/L No. 2255548

	I_n A	MW#	7500A		10000A	Std. Pkg. (Nos.)
			Characteristic B	Characteristic C		
1P, 240/415 V AC	0.5	1	--	5SL61057RC	5SL41057RC	1/12
	1		--	5SL61017RC	--	1/12
	2		--	5SL61027RC	5SL41027RC	1/12
	3		--	5SL61037RC	5SL41037RC	1/12
	4		--	5SL61047RC	5SL41047RC	1/12
	6		5SL61066RC	5SL61067RC	5SL41067RC	1/12
	8		--	5SL61087RC	5SL41087RC	1/12
	10		5SL61106RC	5SL61107RC	5SL41107RC	1/12
	13		--	5SL61137RC	5SL41137RC	1/12
	16		5SL61166RC	5SL61167RC	5SL41167RC	1/12
	20		5SL61206RC	5SL61207RC	5SL41207RC	1/12
	25		5SL61256RC	5SL61257RC	5SL41257RC	1/12
	32		5SL61326RC	5SL61327RC	5SL41327RC	1/12
	40		5SL61406RC	5SL61407RC	5SL41407RC	1/12
	50		5SL61506RC	5SL61507RC	5SL41507RC	1/12
	63		5SL61636RC	5SL61637RC	5SL41637RC	1/12
2P, 415 V AC	0.5	2	--	5SL62057RC	5SL42057RC	1/6
	1		--	5SL62017RC	--	1/6
	2		--	5SL62027RC	5SL42027RC	1/6
	3		--	5SL62037RC	5SL42037RC	1/6
	4		--	5SL62047RC	5SL42047RC	1/6
	6		5SL62066RC	5SL62067RC	5SL42067RC	1/6
	8		--	5SL62087RC	5SL42087RC	1/6
	10		5SL62106RC	5SL62107RC	5SL42107RC	1/6
	13		--	5SL62137RC	5SL42137RC	1/6
	16		5SL62166RC	5SL62167RC	5SL42167RC	1/6
	20		5SL62206RC	5SL62207RC	5SL42207RC	1/6
	25		5SL62256RC	5SL62257RC	5SL42257RC	1/6
	32		5SL62326RC	5SL62327RC	5SL42327RC	1/6
	40		5SL62406RC	5SL62407RC	5SL42407RC	1/6
	50		5SL62506RC	5SL62507RC	5SL42507RC	1/6
	63		5SL62636RC	5SL62637RC	5SL42637RC	1/6
3P, 415 V AC	0.5	3	--	5SL63057RC	5SL43057RC	1/4
	1		--	5SL63017RC	--	1/4
	2		--	5SL63027RC	5SL43027RC	1/4
	3		--	--	5SL43037RC	1/4
	4		--	5SL63047RC	5SL43047RC	1/4
	6		5SL63066RC	5SL63067RC	5SL43067RC	1/4
	8		--	--	5SL43087RC	1/4
	10		5SL63106RC	5SL63107RC	5SL43107RC	1/4
	13		--	--	5SL43137RC	1/4
	16		5SL63166RC	5SL63167RC	5SL43167RC	1/4
	20		5SL63206RC	5SL63207RC	5SL43207RC	1/4
	25		5SL63256RC	5SL63257RC	5SL43257RC	1/4
	32		5SL63326RC	5SL63327RC	5SL43327RC	1/4
	40		5SL63406RC	5SL63407RC	5SL43407RC	1/4
	50		5SL63506RC	5SL63507RC	5SL43507RC	1/4
	63		5SL63636RC	5SL63637RC	5SL43637RC	1/4
4P, 415 V AC	0.5	4	--	5SL64057RC	5SL44057RC	1/3
	1		--	5SL64017RC	--	1/3
	2		--	5SL64027RC	5SL44027RC	1/3
	3		--	--	5SL44037RC	1/3
	4		--	5SL64047RC	5SL44047RC	1/3
	6		5SL64066RC	5SL64067RC	5SL44067RC	1/3
	8		--	--	5SL44087RC	1/3
	10		5SL64106RC	5SL64107RC	5SL44107RC	1/3
	13		--	--	5SL44137RC	1/3
	16		5SL64166RC	5SL64167RC	5SL44167RC	1/3
	20		5SL64206RC	5SL64207RC	5SL44207RC	1/3
	25		5SL64256RC	5SL64257RC	5SL44257RC	1/3
	32		5SL64326RC	5SL64327RC	5SL44327RC	1/3
	40		5SL64406RC	5SL64407RC	5SL44407RC	1/3
	50		5SL64506RC	5SL64507RC	5SL44507RC	1/3
	63		5SL64636RC	5SL64637RC	5SL44637RC	1/3

1 MW (Module Width) = 18 mm

& subject to application specific circuit connections. Please contact your nearest Siemens Sales Office.

Refer latest Electrical Installations from A to Z Price List for prices

Betagard Circuit Breakers

5SL7 Miniature circuit breaker
- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: upto 15kA
- With ISI marking: CM/L No. 2255548

IS/IEC 60898 - 1
CM/L No. 2255548

5SL5 Circuit Breakers
- Standards: IS/IEC 60947-2
- Voltage: 220V DC/1P & 440VDC/2P
- Breaking capacity: 10kA as per IS/IEC 60947-2

	Rated current I_n (A)	MW#		Characteristic C	Characteristic D		Characterestic C, DC	Std. Pkg. (Nos)
	0.5	1	1P, 240/415V AC	5SL71057RC	5SL71058RC	1P, 220V DC	5SL51057RC	1/12
	1			5SL71017RC	5SL71018RC		5SL51017RC	1/12
	2			5SL71027RC	5SL71028RC		5SL51027RC	1/12
	3			--	--		5SL51037RC	1/12
	4			5SL71047RC	5SL71048RC		5SL51047RC	1/12
	6			5SL71067RC	5SL71068RC		5SL51067RC	1/12
	8			--	--		5SL51087RC	1/12
	10			5SL71107RC	5SL71108RC		5SL51107RC	1/12
	16			5SL71167RC	5SL71168RC		5SL51167RC	1/12
	20			5SL71207RC	5SL71208RC		5SL51207RC	1/12
	25			5SL71257RC	5SL71258RC		5SL51257RC	1/12
	32			5SL71327RC	5SL71328RC		5SL51327RC	1/12
	40			5SL71407RC	5SL71408RC		5SL51407RC	1/12
	50			5SL71507RC	5SL71508RC		5SL51507RC	1/12
	63			5SL71637RC	5SL71638RC		5SL51637RC	1/12
	0.5	2	2P, 415V AC	5SL72057RC	5SL72058RC	2P, 440V DC	5SL52057RC	1/6
	1			5SL72017RC	5SL72018RC		5SL52017RC	1/6
	2			5SL72027RC	5SL72028RC		5SL52027RC	1/6
	3			--	--		5SL52037RC	1/6
	4			5SL72047RC	5SL72048RC		5SL52047RC	1/6
	6			5SL72067RC	5SL72068RC		5SL52067RC	1/6
	8			--	--		5SL52087RC	1/6
	10			5SL72107RC	5SL72108RC		5SL52107RC	1/6
	16			5SL72167RC	5SL72168RC		5SL52167RC	1/6
	20			5SL72207RC	5SL72208RC		5SL52207RC	1/6
	25			5SL72257RC	5SL72258RC		5SL52257RC	1/6
	32			5SL72327RC	5SL72328RC		5SL52327RC	1/6
	40			5SL72407RC	5SL72408RC		5SL52407RC	1/6
	50			5SL72507RC	5SL72508RC		5SL52507RC	1/6
	63			5SL72637RC	5SL72638RC		5SL52637RC	1/6
	0.5	3	3P, 415V AC	5SL73057RC	5SL73058RC	--	--	1/4
	1			5SL73017RC	5SL73018RC		--	1/4
	2			5SL73027RC	5SL73028RC		--	1/4
	4			5SL73047RC	5SL73048RC		--	1/4
	6			5SL73067RC	5SL73068RC		--	1/4
	10			5SL73107RC	5SL73108RC		--	1/4
	16			5SL73167RC	5SL73168RC		--	1/4
	20			5SL73207RC	5SL73208RC		--	1/4
	25			5SL73257RC	5SL73258RC		--	1/4
	32			5SL73327RC	5SL73328RC		--	1/4
	40			5SL73407RC	5SL73408RC		--	1/4
	50			5SL73507RC	5SL73508RC		--	1/4
	63			5SL73637RC	5SL73638RC		--	1/4
	0.5	4	4P, 415V AC	5SL74057RC	5SL74058RC	--	--	1/3
	1			5SL74017RC	5SL74018RC		--	1/3
	2			5SL74027RC	5SL74028RC		--	1/3
	4			5SL74047RC	5SL74048RC		--	1/3
	6			5SL74067RC	5SL74068RC		--	1/3
	10			5SL74107RC	5SL74108RC		--	1/3
	16			5SL74167RC	5SL74168RC		--	1/3
	20			5SL74207RC	5SL74208RC		--	1/3
	25			5SL74257RC	5SL74258RC		--	1/3
	32			5SL74327RC	5SL74328RC		--	1/3
	40			5SL74407RC	5SL74408RC		--	1/3
	50			5SL74507RC	5SL74508RC		--	1/3
	63			5SL74637RC	5SL74638RC		--	1/3

1 MW (Module Width) = 18 mm

Refer latest Electrical Installations from A to Z Price List for prices

Geared to act FAST!

Siemens range of fuses

Fuses are the fastest & simplest current limiting devices, suitable for protection of lines, systems, devices in both distribution & control circuits.

Available in varied design - with a wide current range, multiple voltage ratings and high short circuit strength. Our fuses are perfectly equipped to minimize the effect of over currents, thus allowing you to protect property as well as lives.

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

HRC fuses (DIN) 3NA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- CE marked
- Highly compact: upto 100A in size 000

Upto 800A, 500V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	540.-	1/6
	4	3NA78040RC	540.-	1/6
	6	3NA78010RC	540.-	1/6
	10	3NA78030RC	540.-	1/6
	16	3NA78050RC	545.-	1/6
	20	3NA78070RC	545.-	1/6
	25	3NA78100RC	545.-	1/6
	32	3NA78120RC	545.-	1/6
	40	3NA78170RC	570.-	1/6
	50	3NA78200RC	570.-	1/6
	63	3NA78220RC	635.-	1/6
	80	3NA78240RC	700.-	1/6
	100	3NA78300RC	700.-	1/6
00	125	3NA78320RC	835.-	1/6
	160	3NA78360RC	885.-	1/6
1	50	3NA71200RC	1210.-	1/3
	63	3NA71220RC	1210.-	1/3
	80	3NA71240RC	1210.-	1/3
	100	3NA71300RC	1210.-	1/3
	125	3NA71320RC	1265.-	1/3
	160	3NA71360RC	1300.-	1/3
	200	3NA71400RC	1300.-	1/3
	224	3NA71420RC	1355.-	1/3
	250	3NA71440RC	1465.-	1/3
2	200	3NA72400RC	1795.-	1/3
	250	3NA72440RC	1870.-	1/3
	315	3NA72520RC	1935.-	1/3
	400*	3NA72600RC	1935.-	1/3
3	315	3NA33520RC	2755.-	1/3
	400	3NA33600RC	2755.-	1/3
	500	3NA33650RC	3075.-	1/3
	630	3NA33720RC	3150.-	1/3
	800*	3NA33754RC	3835.-	1/3

* 400A (Size II) and 800A are rated at 415V AC

690V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	775.-	1/6
	50	3NA78206RC	775.-	1/6
	63	3NA78226RC	835.-	1/6
	80	3NA78246RC	885.-	1/6
	100	3NA78306RC	885.-	1/6
1	125	3NA71326RC	1555.-	1/3
	160	3NA71366RC	1610.-	1/3
	200	3NA71406RC	1610.-	1/3
2	250	3NA72446RC	2130.-	1/3
	315	3NA72526RC	2295.-	1/3
3	400	3NA33606RC	3420.-	1/3
	425	3NA33626RC	3420.-	1/3
	500	3NA33656RC	3650.-	1/3

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	615.-	1
1	250	■ 3NG1250	925.-	1
2	400	■ 3NG1300	1505.-	1
3	630	■ 3NG1400	1560.-	1

Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-0RC (Screw-in)	745.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	800.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	1495.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	2115.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	3050.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	3610.-	1/5

Fuse puller

Description	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	3655.-	1
Suitable only for fuse links and isolating links	3NX1010	1525.-	1

LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	835.-	1/10
00/000	3NX3116	520.-	1/10

Note: Prices on request for Touch protection of contact pieces of all sizes

Fuse & Fuse base for 1000A/1250A (IEC design)

Size	Rating	Type	Unit LP* ₹	Std. pkg.** (nos.)
4	1000A	3NA3480	POR	1/ 1
4	1250A	3NA3482		1/ 1
4	1250A	3NH3530 Fuse base		1/ 1

690V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit LP*₹
000	2A	3NA78026	POR
	4A	3NA78046	
	6A	3NA78016	
	10A	3NA78036	
	16A	3NA78056	
	20A	3NA78076	
	25A	3NA78106	
	32A	3NA78126	
	35A	3NA78146	

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

POR: Price On Request

■ **Stock items** * LP - List Price @ MRP - Max. Retail Price

3NA6 Fuse
with Insulated Gripping Lugs

NEW

DIN fuses have been the most efficient and reliable short-circuit protection device in Industries for many years. Over the last decade its application in Power Utilities has gained significant prominence. Due to the demanding nature of power utilities, there is a need for specialized fuses that provide enhanced safety for both personnel and operators. Fuses with insulated gripping lugs is perfect solution for this.

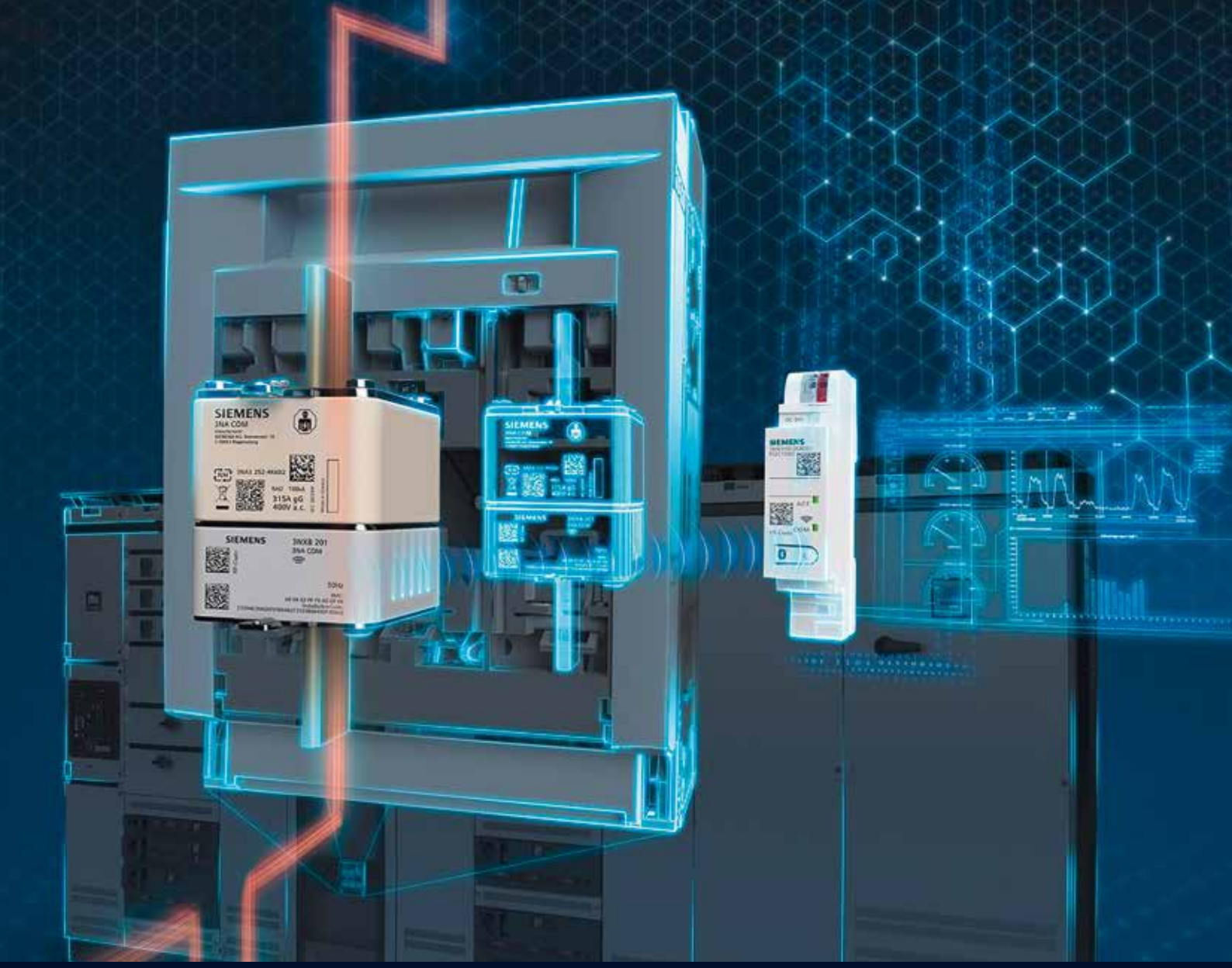
3NA6 fuse links offers:

- Enhanced safety
- Easy installation
- Lower Watt-loss
- Ease of maintenance

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS



SENTRON 3NA COM LV HRC fuse link – safety through transparency

NEW

Optimize the operation of your plants with consistent data that's constantly available when and where you need it – whether in the cloud using higher-level analysis tools, via a PC using the SENTRON power manager power monitoring software, or directly at the plant via a mobile device using the SENTRON power config mobile app.

In the event of a fault, detecting and locating power failures are time-consuming and costly. Smart local grids are only as smart as their individual components.The measurement and communication-capable 3NA COM LV HRC fuse link makes transformer substations smart and enables them to be integrated in digital systems.

Communication Capable Fuse Link offers:

- Transparency for the local grid transformer station
- Easy retrofit
- Powerful interface for digitalization
- Sustainable and robust design

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

SENTRON COM LV HRC fuses (DIN) 3NA

NEW

- 3NA COM LV HRC fuse links, Size 2 With communication and metering function
- Standards: In accordance with IEC 60269-1/-2; EN 60269-1/-2; DIN VDE 0636-1/-2
- Class gG, Size 2
- Breaking capacity 100kA (AC)
- CE Marked

3NA COM LV HRC fuse links with integrated Electronic Module

Rated Voltage (V)	Rated Current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
400	100 A	3NA32304KK01	gG	2	POR	1
	125 A	3NA32324KK01				
	160 A	3NA32364KK01				
	200 A	3NA32404KK01				
	224 A	3NA32424KK01				
	250 A	3NA32444KK01				
	315 A	3NA32524KK01				

3NA COM LV HRC fuse links without# integrated Electronic Module

Rated Voltage (V)	Rated Current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
400	100 A	3NA32304KK02	gG	2	POR	1
	125 A	3NA32324KK02				
	160 A	3NA32364KK02				
	200 A	3NA32404KK02				
	224 A	3NA32424KK02				
	250 A	3NA32444KK02				
	315 A	3NA32524KK02				

Electrical module

Type	Description	Unit LP* ₹	Std. pkg.** (nos.)
3NX8201	Electronic Module for Smart Fuse	POR	1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

* LP - List Price POR: Price On Request

For communication to be used with 3NX8201

HRC fuses (BS) 3NW

- 2A-800A
- Rated at 415V AC/240V DC
- Breaking capacity 80kA (AC)

Blade tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWNS2	150.-	20
4	■ 3NWNS4	150.-	20
6	■ 3NWNS6	150.-	20
10	■ 3NWNS10	150.-	20
16	■ 3NWNS16	150.-	20
20	■ 3NWNS20	180.-	20
25	■ 3NWNS25	180.-	20
32	3NWNS32	180.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	215.-	20
4	3NWTIA4	215.-	20
6	3NWTIA6	215.-	20
10	■ 3NWTIA10	240.-	20
16	■ 3NWTIA16	240.-	20
20	■ 3NWTIA20	240.-	20
25	■ 3NWTIA25	240.-	20
32	■ 3NWTIA32	240.-	20
40	3NWTIS40	330.-	20
50	■ 3NWTIS50	330.-	20
63	■ 3NWTIS63	330.-	20
80	3NWTCP80	850.-	10
100	■ 3NWTCP100	850.-	10
125	3NWTFP125	1725.-	5
160	3NWTFP160	1725.-	5
200	3NWTFP200	1725.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTC80	915.-	10
100	3NWTC100	915.-	10
125	3NWTF125	1885.-	5
160	3NWTF160	1885.-	5
200	3NWTF200	1885.-	5
250	3NWTKF250	2605.-	1
315	3NWTKF315	2605.-	1
355	3NWTMF355	3035.-	1
400	3NWTMF400	3035.-	1
500	3NWTTM500	4770.-	1
630	3NWTTM630	5810.-	1
710	3NWTLM710	6640.-	1
800	3NWTLM800	6640.-	1

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	180.-	20
10	3NWTSA10	180.-	20
16	3NWTSA16	180.-	20
20	3NWTSA20	180.-	20
25	3NWTSA25	180.-	20
32	3NWTSA32	180.-	20
36	3NWTSS36	355.-	20
40	3NWTSS40	355.-	20
50	3NWTSS50	355.-	20
63	3NWTSS63	355.-	20
80	3NWTSDS80	670.-	20
100	3NWTSDS100	670.-	20
125	3NWTSFP125	845.-	5
160	3NWTSFP160	920.-	5
200	3NWTSFP200	845.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	815.-	10
100	3NWTSDC100	815.-	10
125	3NWTSF125	850.-	5
160	3NWTSF160	850.-	5
200	3NWTSF200	850.-	5
250	3NWTSK250	2040.-	1
315	3NWTSK315	2040.-	1
355	3NWTSMS355	3405.-	1
400	3NWTSMS400	3405.-	1
450	3NWTSTS450	2825.-	1
500	3NWTSTS500	2825.-	1
560	3NWTSLS560	5395.-	1
630	3NWTSLS630	4575.-	1
800	3NWTSLS800	6605.-	1

Fuse holders (for fuses type 3NW TIA, TSA, TIS, TSS, TSDS)

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWCM32F9	3275.-	10
63	3NWCM63F9	3845.-	10
100	3NWCM100F9	4240.-	10

Fuse holders (for fuses Type 3NW NS) & Isolating link

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	345.-	10
32	■ 3NW32NNSF	435.-	10
32A (Iso. Link)	■ 3NW32NNSL	190.-	10

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* MRP - Maximum Retail Price

Please order in multiples of standard packing.

Fuses for semiconductor protection - SITOR 3NE / 3NC

- Current Range upto 2400A
- Operating voltage: 500V - 2500V AC
- Suitable for mounting in fuse base / SDF / busbars

3NE4 type

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
1000	32	■ 3NE4101	gR	0	3295.-	3
	40	■ 3NE4102	gR	0	3310.-	3
	50	■ 3NE4117	gR	0	3475.-	3
	80	■ 3NE4120	aR	0	3755.-	3
	100	■ 3NE4121	aR	0	4115.-	3
	125	■ 3NE4122	aR	0	4420.-	3
	160	■ 3NE4124	aR	0	4865.-	3

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	■ 3NE43276	aR	–	9940.-	1
	315	■ 3NE43306	aR	–	10265.-	1
	450	■ 3NE43336	aR	–	10725.-	1
	500	■ 3NE43346	aR	–	10815.-	1
	710	■ 3NE43376	aR	–	12090.-	1

3NE8 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	7935.-	3
35	3NE80031	gR	00	7935.-	3
50	3NE80171	gR	00	7935.-	3
63	3NE80181	gR	00	7935.-	3
80	3NE80201	aR	00	8800.-	3
100	3NE80211	aR	00	9210.-	3
125	3NE80221	aR	00	9350.-	3
160	3NE80241	aR	00	10265.-	3
200	3NE12252	gR	1	25955.-	3
250	3NE12272	gR	1	26835.-	3
315	3NE12302	gR	1	27755.-	3
350	3NE13312	gR	2	36740.-	3
400	3NE13322	gR	2	47185.-	3
450	3NE13332	gR	2	39480.-	3
500	3NE13342	gR	2	41030.-	3
560	3NE14352	gR	3	50985.-	3
630	3NE14362	gR	3	52895.-	3
670	3NE14472	gR	3	54055.-	3
710	3NE14372	gR	3	56370.-	3
800	3NE14382	gR	3	60575.-	3
850	3NE14482	gR	3	65935.-	3

Note: For current ratings > 1600A ,Operating voltage > 2000V AC please contact your nearest Siemens Sales Office.

[1)] Suitable for mounting on fuse base / 3KL8 / 3NP1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* LP - List Price

Please order in multiples of standard packing.

3NE9 type
600 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
850	3NE94406	gR	–	44280.-	3
1250	3NE9450	aR	–	41730.-	3

3NE1 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	9350.-	3
20	3NE18140	gS	000	9350.-	3
25	3NE18150	gS	000	9350.-	3
35	3NE18030	gS	000	9350.-	3
40	3NE18020	gS	000	9350.-	3
50	3NE18170	gS	000	9350.-	3
63	3NE18180	gS	000	9350.-	3
80	3NE18200	gS	000	9350.-	3
100	3NE10210	gS	00	12070.-	3
125	3NE10220	gS	00	12070.-	3
160	3NE12240	gS	1	28530.-	3
200	3NE12250	gS	1	28530.-	3
250	3NE12270	gS	1	29955.-	3
315	3NE12300	gS	1	32125.-	3
350	3NE13310	gS	2	39890.-	3
400	3NE13320	gS	2	40235.-	3
450	3NE13330	gS	2	40490.-	3
500	3NE13340	gS	2	41090.-	3
560	3NE14350	gS	3	41325.-	3
630	3NE14360	gS	3	43110.-	3
710	3NE14370	gS	3	46000.-	3
800	3NE14380	gS	3	52520.-	3

3NE8 type
690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	8430.-	10
25	3NE87151	gR	000	8430.-	10
32	3NE87011	gR	000	8430.-	10
40	3NE87021	gR	000	8430.-	10
50	3NE87171	gR	000	8685.-	10
63	3NE87181	aR	000	8685.-	10
80	3NE87201	aR	000	9115.-	10
100	3NE87211	aR	000	9115.-	10
125	3NE87221	aR	000	8100.-	10
160	3NE87241	aR	000	9455.-	10
200	3NE87251	aR	000	9665.-	10
250	3NE87271	aR	000	10495.-	10
315	3NE87311	aR	000	13800.-	10

Fuses for semiconductor protection - SITOR 3NE / 3NC

3NE3 type
1000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
100	3NE3221	aR	1	21245.-	3
125	3NE3222	aR	1	21860.-	3
160	3NE3224	aR	1	21860.-	3
200	3NE3225	aR	1	24055.-	3
250	3NE3227	aR	1	24690.-	3
315	3NE32300B	aR	1	25710.-	3
350	3NE3231	aR	1	30525.-	3
400	3NE32320B	aR	1	32695.-	3
450	3NE3233	aR	1	33865.-	3
400	3NE33320B	aR	2	33010.-	3
450	3NE3333	aR	2	34765.-	3
500	3NE33340B	aR	2	35415.-	3
560	3NE3335	aR	2	36750.-	3
630	3NE3336	aR	2	38505.-	3
710^	3NE33378	aR	2	52730.-	3
800^	3NE33388	aR	2	54185.-	3
900^	3NE33408	aR	2	64550.-	3

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
630	3NC33361U	aR	3	POR	1/3
710	3NC33371U	aR	3		1/3
800	3NC33381U	aR	3		1/3
900	3NC33401U	aR	3		1/3
1000	3NC33411U	aR	3		1/3
1100	3NC33421U	aR	3		1/3
1250	3NC33431U	aR	3		1/3

^ 710A: 900V AC; 800A: 800V AC; 900A: 690V AC

3NC type
690V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
150	3NC84233C	gR	3	48855.-	3
200	3NC84253C	gR	3	34090.-	3
250	3NC84273C	gR	3	38975.-	3
350	3NC84313C	gR	3	40185.-	3
500	3NC84343C	gR	3	43430.-	3
1000#	3NC84443C	aR	3	78920.-	3

1000A, 600V AC

3NE5 type
1500 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
160	3NE54240C	aR	3	62385.-	2
224	3NE54260C	aR	3	68250.-	2
250	3NE56270C	aR	3	63315.-	3
315	3NE54300C	aR	3	65195.-	2
350	3NE54310C	aR	3	71565.-	2
450	3NE56330C	aR	3	71055.-	3
600	3NE56430C	aR	3	84550.-	3

3NE7 type
2000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
200	3NE74250U	aR	3	POR	2
250	3NE74270U	aR	3		2
350	3NE74310U	aR	3		2
400	3NE74320U	aR	3		2
450	3NE76331U	aR	3		2
525	3NE76481U	aR	3		2
630	3NE76361U	aR	3		2
710	3NE76371U	aR	3		2

Fuse bases for SITOR fuses

- With bolt-on links or slotted blade contacts
- 1-pole

Version mm	For fuse series	I_n (A)	U_n (V AC / V DC)	Con-nection bolt	Type	Unit LP* ₹	Std. pkg. (nos.)
75	3NC18	50	690	M5	3NH5723	POR	1/3
80	3NE87, 3NC26 3NE80..-3MK 3NC32..-1U, 3NE82..-3MK	315 400 1600	690 690 690	M8 M10 M10	3NH5023 3NH5323 3NH5423		1/3
110	3NC24, 3NC33..-1U, 3NC34..-1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34	1250	1250	M10	3NH5463		1/3
170	3NE53, 3NE56	630	1800	M10	3NH5473		1/3

Utilization category as per VDE 0636/IEC 60269

Semiconductor	aR, gR, gS
Cable & Conductor	gG
Motor	aM

1st letter
a = Partial range of protection (accompanied fuses)
g = Complete range protection (general purpose fuses)

2nd letter
G(-L) = Cable & conductor protection (general purpose fuses)
M = Motor protection
R, S = Semiconductor protection

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

* LP - List Price POR: Price On Request

Please order in multiples of standard packing.

Cylindrical Fuses (3NW)

- Rated current 0.5A-100A
- Breaking capacity 100kA
- Operational Class gG and aM

Cylindrical Fuse, Size 10 x 38

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
0.5A	10 x 38	500	3NW60001	705.-	1/10
1A			3NW60111	705.-	1/10
2A			3NW60021	705.-	1/10
4A			3NW60041	705.-	1/10
6A			3NW60011	705.-	1/10
8A			3NW60081	705.-	1/10
10A			3NW60031	705.-	1/10
12A			3NW60061	705.-	1/10
16A			3NW60051	705.-	1/20
20A			3NW60071	705.-	1/20
25A			3NW60101	705.-	1/20
32A		400	3NW60121	705.-	1/20

Cylindrical Fuse, Size 14 x 51

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
4A	14 x 51	690	3NW61041	780.-	1/10
6A			3NW61011	780.-	1/10
8A			3NW61081	780.-	1/10
10A			3NW61031	780.-	1/10
12A			3NW61061	780.-	1/10
16A			3NW61051	780.-	1/10
20A			3NW61071	780.-	1/10
25A			3NW61101	780.-	1/10
32A			3NW61121	925.-	1/10
40A		500	3NW61171	925.-	1/10
50A			3NW61201	925.-	1/10

Cylindrical Fuse, Size 22 x 58

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
16A	22 x 58	690	3NW62051	1360.-	1/10
20A			3NW62071	1360.-	1/10
25A			3NW62101	1360.-	1/10
32A			3NW62121	1360.-	1/10
40A			3NW62171	1495.-	1/10
50A			3NW62201	1495.-	1/10
63A		500	3NW62221	1495.-	1/10
80A			3NW62241	1495.-	1/10
100A			3NW62301	1655.-	1/10

* LP - List Price

Cylindrical Fuse holders

No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW7013	1255.-	1/1
	14 x 51	50A	1.5	3NW7111	3985.-	1/1
	22 x 58	100A	2	3NW7211	6515.-	1/1
1+N	10 x 38	32A	1	3NW7053	2565.-	1/1
	14 x 51	50A	3	3NW7151	8250.-	1/1
	22 x 58	100A	4	3NW7251	13355.-	1/1
2P	10 x 38	32A	2	3NW7023	2515.-	1/1
	14 x 51	50A	3	3NW7121	7945.-	1/1
	22 x 58	100A	4	3NW7221	11245.-	1/1
3P	10 x 38	32A	3	3NW7033	3780.-	1/1
	14 x 51	50A	4.5	3NW7131	11900.-	1/1
	22 x 58	100A	6	3NW7231	16770.-	1/1

Note: Prices for 1+N and 3+N Fuse holder on request

Fuse Systems Available

1. Fuses for Photovoltaic application (DC 1000V / 1500V)
2. NEOZED Fuses & Busbar system up to 100A
3. Diazed fuse systems up to 63A
4. Class CC UL fuse links up to 30A

For more details please contact your nearest Siemens Sales Office.

Fuses for Special Applications

1. Rectifiers in Electrolysis system
2. SITOR 8QG 10/11 thyristor sets
3. Mounting in railway supply rectifier

For more details please contact your nearest Siemens Sales Office.

5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

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Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
(3VM with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- **In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.**
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VM MCCB for ratings below 75kW, please contact your nearest Siemens Sales Office.
- **Recommended selection.**

Direct-on-line feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker		Contactor		Bi-relay	
			MCCB	Rated current In (A)	Type	Amp	Type	Range (A)
75	134	50kA	**3VM1216-5MH32-0AA0**	160	**3RT1055**	150	**3RU2156-5DB10-8K**	110 - 160
90	160	50kA	**3VM1220-5MH32-0AA0**	200	**3RT1056**	185	**3RU2156-5EB10-8K**	140 - 200
110	190	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1064**	225	**3RU2166-5FB10-8K**	180 - 250
132	228	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1065**	265	**3RU2166-5GB10-8K**	220 - 320
160	269	50kA	**3VM1332-5MH32-0AA0**	320	**3RT1066**	300	**3RU2166-5GB10-8K**	220 - 320
200	335	50kA	**3VM1440-5MH32-0AA0**	400	**3RT1075**	400	**3RU2176-5HB10-8K**	280 - 400
250	418	50kA	**3VM1450-5MH32-0AA0**	500	**3RT1076**	500	**3RU2176-5JB10-8K**	350 - 500

Star-Delta feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker		Contactor (Line/Delta)		Contactor (Star)		Bi-relay	
				MCCB	Rated current In (A)	Type	Amp	Type	Amp	Type	Range (A)
75	134	78	50kA	**3VM1216-5MH32-0AA0**	160	**3RT1054**	115	**3RT2037**	65	**3RU2156-5BB10-8K**	70 - 100
90	160	93	50kA	**3VM1220-5MH32-0AA0**	200	**3RT1055**	150	**3RT2038**	80	**3RU2156-5BB10-8K**	70 - 100
110	190	110	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT2046**	95	**3RU2156-5CB10-8K**	90 - 125
132	228	132	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT1054**	115	**3RU2156-5DB10-8K**	110 - 160
160	269	156	50kA	**3VM1332-5MH32-0AA0**	320	**3RT1064**	225	**3RT1054**	115	**3RU2156-5EB10-8K**	140 - 200
200	335	194	50kA	**3VM1440-5MH32-0AA0**	400	**3RT1065**	265	**3RT1055**	150	**3RU2166-5FB10-8K**	180 - 250
250	418	243	50kA	**3VM1450-5MH32-0AA0**	500	**3RT1066**	300	**3RT1056**	185	**3RU2166-5GB10-8K**	220 - 320

Note: For ratings below 75kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.

Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
(3VA with 3RT & 3RU)

Suitable for IE3 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- Ratio of starting current to rated current: In accordance to IS12615:2018
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VA MCCB for ratings below 37kW, please contact your nearest Siemens Sales Office.
- **Recommended selection**.

Direct-on-line feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker		Contactor		Bi-relay	
			MCCB	Rated current In (A)	Type	Rating (A)	Type	Range (A)
37	64	50kA	**3VA1180-5MH32-0AA0**	80	**3RT2038**	80	**3RU2136-4KB0**	62...73
45	77	50kA	**3VA1110-5MH32-0AA0**	100	**3RT2046**	95	**3RU2146-4LB0**	70...90
55	94	50kA	**3VA1112-5MH32-0AA0**	125	**3RT1054**	115	**3RU2156-5CB10-8K**	90...125
75	132	50kA	**3VA1216-5MH32-0AA0**	160	**3RT1055**	150	**3RU2156-5DB10-8K**	110-160
90	155	50kA	**3VA1220-5MH32-0AA0**	200	**3RT1056**	185	**3RU2156-5EB10-8K**	140-200
110	186	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1064**	225	**3RU2166-5EB10-8K**	140-200
132	220	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1065**	265	**3RU2166-5FB10-8K**	180-250
160	267	50kA	**3VA1332-5MH32-0AA0**	320	**3RT1075**	400	**3RU2166-5GB10-8K**	220-320
200	332	50kA	**3VA1440-5MH32-0AA0**	400	**3RT1075**	400	**3RU2176-5HB10-8K**	280-400
250	416	50kA	**3VA1450-5MH32-0AA0**	500	**3RT1076**	500	**3RU2176-5JB10-8K**	350-500

Star-Delta feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker		Contactor (Line/ Delta)		Contactor (Star)		Bi-relay	
				MCCB	Rated current In (A)	Type	Rating (A)	Type	Rating (A)	Type	Range (A)
37	64	37	50kA	**3VA1180-5MH32-0AA0**	80	**3RT2037**	65	**3RT2027**	32	**3RU2136-4GB0**	36...45
45	77	45	50kA	**3VA1110-5MH32-0AA0**	100	**3RT2038**	80	**3RT2035**	40	**3RU2136-4HB0**	40...50
55	94	54	50kA	**3VA1112-5MH32-0AA0**	125	**3RT2038**	80	**3RT2036**	50	**3RU2136-4QB0**	47...57
75	132	76	50kA	**3VA1216-5MH32-0AA0**	160	**3RT1054**	115	**3RT2037**	65	**3RU2156-5BB10-8K**	70-100
90	155	90	50kA	**3VA1220-5MH32-0AA0**	200	**3RT1055**	150	**3RT2038**	80	**3RU2156-5BB10-8K**	70-100
110	186	108	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT2046**	95	**3RU2156-5CB10-8K**	90-125
132	220	128	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT1054**	115	**3RU2156-5DB10-8K**	110-160
160	267	155	50kA	**3VA1332-5MH32-0AA0**	320	**3RT1064**	225	**3RT1054**	115	**3RU2156-5EB10-8K**	140-200
200	332	193	50kA	**3VA1440-5MH32-0AA0**	400	**3RT1065**	265	**3RT1055**	150	**3RU2166-5FB10-8K**	180-250
250	416	241	50kA	**3VA1450-5MH32-0AA0**	500	**3RT1066**	300	**3RT1056**	185	**3RU2166-5GB10-8K**	220-320

Note: For ratings below 37kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnector Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.4	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.7	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.4	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.2	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.4	3KL811	20	3NA78070RC	20	3RT2024	12	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	15	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ...16
11	21	3KL815	63	3NA78200RC	50	3RT2027	32	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2035	40	3RU2136-4EB0	22 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	57	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	64	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	77	3KL822	125	3NA78320RC	125	3RT2046	95	3RU2136-4RB0	70 ... 80
55	101	3KL823	160	3NA78360RC	160	3RT1054	115	3RU2156-5CB10-8K	90 ... 125
75	134	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	15	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	21	12	3KL812	32	3NA78100RC	25	3RT2025	17	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	57	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	64	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	77	45	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	101	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	134	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90	3KL823	160	3NA78360RC	160	3RT2046	95	3RT2038	80	3RU2146-4LB0	70 ... 90	3RP15
110	190	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1075	400	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3TF & 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- **In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.**
- Selection is for **normal starting** conditions with starting time ≤ 6 seconds. (For **heavy starting** applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office..)
- At 60°C service temperature the bi-relay has to be derated. The bi-relay can be used upto the maximum current setting indicated. For example - A bi-relay with setting 32-50A, at 60°C can be used only upto 47A. This however does not mean that at 60°C, the 50A setting corresponds to 47A. It means that, the bi-relay should not be set beyond 47A.
- **The electronic star-delta timer type 3RP should be used in star-delta feeders.**
- SDF: Switch Disconnector Fuse. **All fuses are DIN HRC type**.
- **Tested Type 2 combinations**
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor	Motor	SDF		HRC Fuse		Contactor		Bi-Relay		Bi-Relay	
kW 415V, 3ph, 50Hz	I_L Amp	Type	Rating	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp
0.37	1	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-0K	0.8 - 1.25	3UA5000-0K	0.8 - 1.17
0.55	1.3	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-1A	1 - 1.6	3UA5000-1A	1 - 1.5
0.75	1.9	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1B	1.25 - 2	3UA5000-1C	1.6 - 2.3
1.1	2.6	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1D	2 - 3.2	3UA5000-1D	2 - 3
1.5	3.7	3KL811	20	3NA78030RC	10	3TF30	9	3UA5000-1E	2.5 - 4	3UA5000-1E	2.5 - 3.7
2.2	4.8	3KL811	20	3NA78050RC	16	3TF30	9	3UA5000-1F	3.2 - 5	3UA5000-1G	4 - 5.9
3.7	7.8	3KL811	20	3NA78070RC	20	3TF30	9	3UA5000-1H	5 - 8	3UA5000-1J	6.3 - 9.4
5.5	11.2	3KL812	32	3NA78100RC	25	3TF31	12	3UA5000-1K	8 - 12.5	3UA5000-1K	8 - 11.7
7.5	16	3KL812	32	3NA78120RC	32	3TF32	16	3UA5200-2A	10 - 16	3UA5200-2B	12.5 - 18.7
9.3	19	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2B	12.5 - 20	3UA5500-2C	16 - 23.4
11	20.8	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2C	16 - 25	3UA5500-2C	16 - 23.4
15	28	3KL815	63	3NA78220RC	63	3TF34	32	3UA5500-2D	20 - 32	3UA5500-2D	20 - 30
18.5	34	3KL815	63	3NA78220RC	63	3TF35	38	3UA5500-2Q	25 - 36	3UA5500-2R	32 - 37.4
22	40	3KL817	100	3NA78240RC	80	3TF46	45	3UA5800-2FZ1	32 - 50	3UA5800-2FZ1	32 - 47
30	53	3KL817	100	3NA78300RC	100	3TF47	63	3UA5800-2TZ1	40 - 57	3UA5800-2PZ1	50 - 59
37	65	3KL822	125	3NA78320RC	125	3TF477	70	3UA5800-2VZ2	57 - 70	3UA5800-2VZ2	57 - 65.5
45	78	3KL822	125	3NA78320RC	125	3TF49	85	3UA5800-8YZ1	70 - 95	3UA5800-8YZ1	70 - 88.9
55	96	3KL823	160	3NA78360RC	160	3TF50	110	3UA5830-5C	85 - 105	3UA5830-5C	85 - 98.2
75	131	3KL831	200	3NA71400RC	200	3TF51	140	3UA6230-5A	85 - 135	3UA6230-5B	115 - 168
90	156	3KL832	250	3NA71440RC	250	3TF52	170	3UA6230-5B	115 - 180	3UA6230-5B	115 - 168
110	189	3KL832	250	3NA71440RC	250	3TF53	205	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
132	227	3KL833	315	3NA72520RC	315	3TF54	250	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
160	271	3KL834	400	3NA72600RC	400	3TF55	300	3UA6230-5D	200 - 320	3UA6230-5D	200 - 299
200	339	3KL841	500	3NA33650RC	500	3TF56	400	3UA6230-5E	250 - 400	3UA6230-5E	250 - 374
250	398	3KL841	500	3NA33650RC	500	3TF57	475	3UA6830-5F	320 - 500	3UA6830-5F	320 - 468

Star-Delta feeder, for Low LCC

SL Motor	Motor		SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Bi-Relay		Timer
kW 415V, 3ph, 50Hz	I_L Amp.	Iph Amp	Type	Rating	Type	Amp	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp	Type
3.7	7.8	4.5	3KL811	20	3NA78030RC	10	3TF30	9	3TF30	9	3UA5000-1F	3.2-5	3UA5000-1F	3.2-4.7	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3TF30	9	3TF30	9	3UA5000-1H	5-8	3UA5000-1H	5-7.5	3RP15
7.5	16	9.2	3KL811	20	3NA78070RC	20	3TF31	12	3TF30	9	3UA5000-1J	6.3-10	3UA5000-1J	6.3-9.4	3RP15
9.3	19	11	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-1K	8-11.7	3RP15
11	20.8	12	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-2S	10-13.6	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3TF33	22	3TF32	16	3UA5200-2B	12.5-20	3UA5200-2B	12.5-18.7	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2B	12.5-20	3UA5500-2C	16-23.4	3RP15
22	40	23.2	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2C	16-25	3UA5500-2D	22-30	3RP15
30	53	30.6	3KL815	63	3NA78220RC	63	3TF34	32	3TF34	32	3UA5500-2D	20-32	3UA5500-2Q	25-33.7	3RP15
37	65	37.5	3KL817	100	3NA78240RC	80	3TF35	38	3TF34	32	3UA5500-2R	32-40	3UA5500-8M	36-45	3RP15
45	78	45	3KL817	100	3NA78300RC	100	3TF46	45	3TF34	32	3UA5800-2FZ1	32-50	3UA5800-2FZ1	32-47	3RP15
55	96	55.4	3KL817	100	3NA78300RC	100	3TF47	63	3TF34	32	3UA5800-2TZ1	40-57	3UA5800-2PZ1	50-59	3RP15
75	131	75.6	3KL823	160	3NA78360RC	160	3TF49	85	3TF47	63	3UA5800-8YZ1	70-95	3UA5800-8YZ1	70-88.9	3RP15
90	156	90.1	3KL823	160	3NA78360RC	160	3TF50	110	3TF47	63	3UA5830-5B	70-95	3UA5830-5C	85-98.2	3RP15
110	189	109	3KL831	200	3NA71400RC	200	3TF50	110	3TF50	110	3UA5830-5D	95-120	3UA5830-5D	95-112	3RP15
132	227	131.1	3KL832	250	3NA71440RC	250	3TF51	140	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
160	271	156.5	3KL833	315	3NA72520RC	315	3TF52	170	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
200	339	195.7	3KL834	400	3NA72600RC	400	3TF54	250	3TF52	170	3UA6230-5C	160-250	3UA6230-5C	160-234	3RP15
250	398	229.8	3KL841	500	3NA72600RC	400	3TF54	250	3TF54	250	3UA6230-5C	160-250	3UA6230-5D	200-299	3RP15

Available till stocks last

Superswitch 3KL8

Switch Disconnector fuse: 3KL8 3-pole with Isolable neutral (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-3TA00	4735.-	3KL8111-3TJ00	4585.-	3KL8111-3TC00	4660.-	1
32A	3KL8121-3TA00	4850.-	3KL8121-3TJ00	4740.-	3KL8121-3TC00	4810.-	1
63A	3KL8151-3TA00	6850.-	3KL8151-3TJ00	6625.-	3KL8151-3TC00	6685.-	1
100A	3KL8211-3TA00	13685.-	3KL8211-3TJ00	13430.-			1
125A	3KL8221-3TA00	17895.-	3KL8221-3TJ00	17660.-			1
160A$	3KL8231-3TA00	19535.-	3KL8231-3TJ00	19260.-			1
200A	3KL8311-3UA00	24955.-	3KL8311-3UJ00	24150.-			1
250A	3KL8321-3UA00	29335.-	3KL8321-3UJ00	29860.-			1
315A	3KL8331-3UA00	36270.-	3KL8331-3UJ00	35325.-			1
400A$	3KL8341-3UA00	43695.-	3KL8341-3UJ00	44350.-			1
500A	3KL8411-3UA00	68365.-	3KL8411-3UJ00	65750.-			1
630A	3KL8421-3UA00	70235.-	3KL8421-3UJ00	68130.-			1
800A$	3KL8431-3UA00	76085.-	3KL8431-3UJ00	73835.-			1

Notes:
3KL8/ 3KA8 is rated for 690V, 50Hz, AC23A Utilisation Category
$ AC23A @500V AC
All SDF Unit MRPs are without fuses
Unit MRP's are inclusive of front drive (Handle) kit, fuse cover, terminal cover, isolable neutral cover and phase barriers.

Accessories for 3KL8 / 3KA8: 3-pole with Isolable neutral (Open Execution)

Description	3KL81 11/21/51 3KA81 51	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41/51	Unit MRP* ₹	3KL84 11/21/31 3KA84 3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse Cover	3KX8150-0AC	595.-	3KX8230-0AC	855.-	3KX8340-0AC	1255.-	3KX8430-0AC	1775.-	1
Terminal Cover (1 set)	–	–	3KX8231-0AC	725.-	3KX8341-0AC	1370.-	3KX8431-0AC	1605.-	1
Isolable Neutral cover	–	–	3KX8232-0AC	360.-	3KX8342-0AC	590.-	3KX8432-0AC	725.-	1
Phase Barrier$$	3KX8153-0AC	240.-	3KX8233-0AC	240.-	3KX8343-0AC	350.-	3KX8433-0AC	450.-	1

$$For phase barriers of BS type switches please contact your nearest Siemens Sales Office.

3VT MCCBs

Description	Type
3VT Main switching unit without Trip Units	3VT2
3VT Main switching unit without Trip Units	3VT3
3VT Main switching unit without Trip Units	3VT4
3VT Main switching unit without Trip Units	3VT5
3VT Microprocessor Based Trip Unit (ETU)	3VT9
Accessories for 3VT2-5	3VT9..\ 3VT9..

Discontinued products

3KC Automatic Transfer Controller

Description	Type
ATC 5300	3KC9000-8TL30

Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type
In sheet steel housing	On/Off	7.5	■ 3LA0221-1YA
		30	■ 3LA0621-1YB
	System selector	5.5	3LA0222-1YA
	Reversing	5.5	■ 3LA0223-1YA

Control switches 3ST

Switch	Description	Type
2-Pole On-Off [1), 2)] **3-Pole On-Off** [1), 2)]	415V, 50Hz/8.5A	■ **3ST1 400-0AF08** ■ **3ST1 400-1AH08**
Ammeter selector **Voltmeter selector**	0–L1–L2–L3 0–L1L2–L2L3–L3L1	■ **3ST1 400-2RQ08** ■ **3ST1 400-1RK08**

1) 12th place code '8' represents black knob. Replace it by '9' for red knob.
2) 9th place code 'A' represents rotation < 360°. For 360° rotation, replace it by 'B'

Accessories for Superswitch: 3KL8/ 3KA8

Description	3KL83 11/21/31/41 3KA83 11/21/41	3KL84 11/21/31 3KA84 2/3/4/5/6	Std.pkg. (nos.)
Key interlock	**3KX3588-1YP(.)#**	**3KX3588-1YP(.)#**	**1**

Type of keys are Type A - F depending on the last digit (.) to be replaced by letters A - F.

Description	Type
3VL MCCBs	**3VL1 - 3VL8**
3VL Accessories	**3VL9..., \3VL9...**

SIECAP™ LV Power Capacitors

ND (Normal Duty)

Rated voltage V	kvar @ 50 Hz	Type
440	0.9	**4RB2008-3EE50-8K**
	1	**4RB2010-3EE50-8K**
	1.2	**4RB2012-3EE50-8K**
	1.5	**4RB2015-3EE50-8K**
	2.1	**4RB2021-3EE50-8K**
	2.5	**4RB2025-3EE50-8K**
	3	**4RB2030-3EE50-8K**
	4.2	**4RB2042-3EE50-8K**
	5	**4RB2050-3EE50-8K**
	6	**4RB2060-3EE50-8K**
	7	**4RB2070-3EE50-8K**
	7.5	**4RB2075-3EE50-8K**
	8.3	**4RB2083-3EE50-8K**
	9	**4RB2090-3EE50-8K**
	10	**4RB2100-3EE50-8K**
	12.5	**4RB2125-3EE50-8K**
	15	**4RB2150-3EE50-8K**
	16.7	**4RB2167-3EE50-8K**
	20	**4RB2200-3EE50-8K**
	20.8	**4RB2208-3EE50-8K**
	25	**4RB2250-3EE50-8K**
	28	**4RB2280-3EE50-8K**
	30	**4RB2300-3EE50-8K**

Rated voltage V	kvar @ 50 Hz	Type
480	1	**4RB2010-3EJ50-8K**
	1.5	**4RB2015-3EJ50-8K**
	2	**4RB2020-3EJ50-8K**
	2.5	**4RB2025-3EJ50-8K**
	4.2	**4RB2042-3EJ50-8K**
	5	**4RB2050-3EJ50-8K**
	5.5	**4RB2055-3EJ50-8K**
	8.3	**4RB2083-3EJ50-8K**
	10.4	**4RB2104-3EJ50-8K**
	11.1	**4RB2111-3EJ50-8K**
	12.5	**4RB2125-3EJ50-8K**
	13.8	**4RB2138-3EJ50-8K**
	15	**4RB2150-3EJ50-8K**
	16.7	**4RB2167-3EJ50-8K**
	20.8	**4RB2208-3EJ50-8K**
	25	**4RB2250-3EJ50-8K**
	27.7	**4RB2277-3EJ50-8K**
	30	**4RB2300-3EJ50-8K**

*** Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details**

* LP - List Price POR: Price On Request
* MRP - Maximum Retail Price

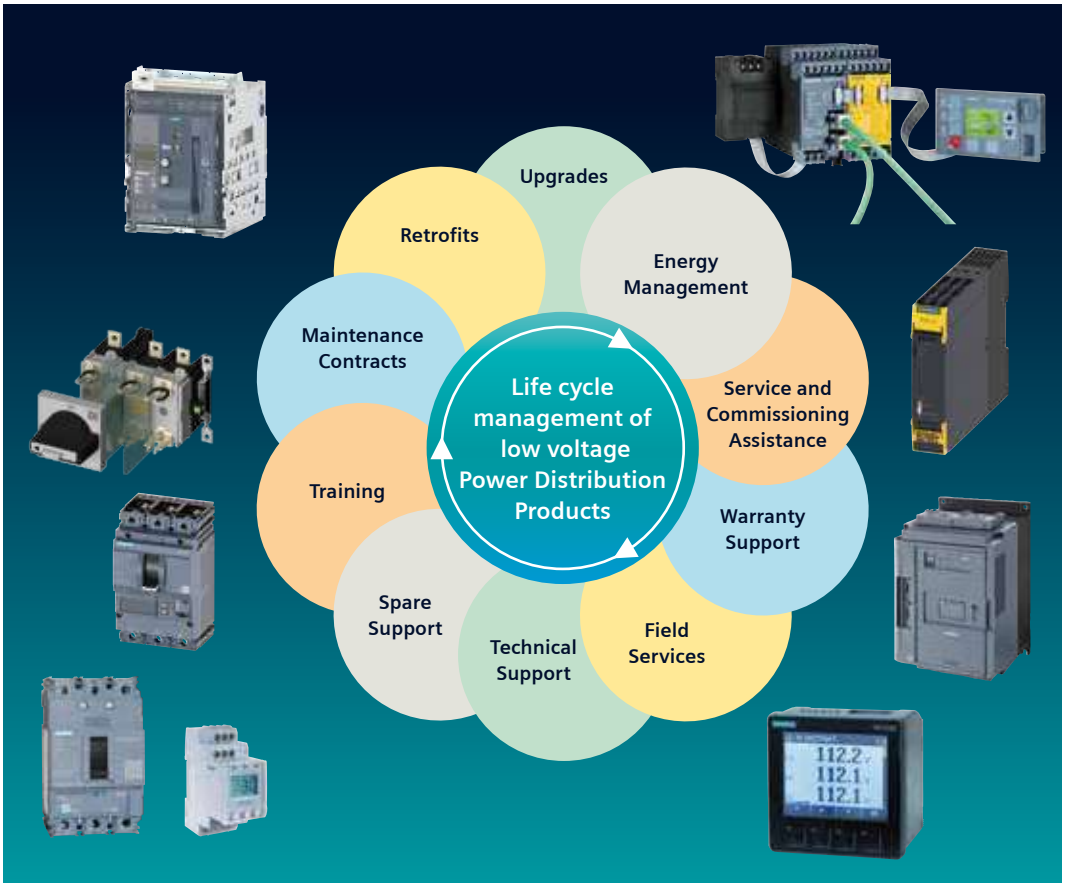
Std. Pkg. = 1 unit * LP - List Price

One point contact for your service needs

The comprehensive range of services from Siemens is sure to cover the needs of the most varied users.

We offer structured services, designed to give you valuable support in every phase during the lifecycle of your low voltage products and panels – from warranty support to suitable retrofit solutions.

We educate and help to adopt products and solutions like energy management, condition monitoring, various application with analytic etc. through retrofit and technology upgrade, thereby helping to embark on the digitalization journey easily.



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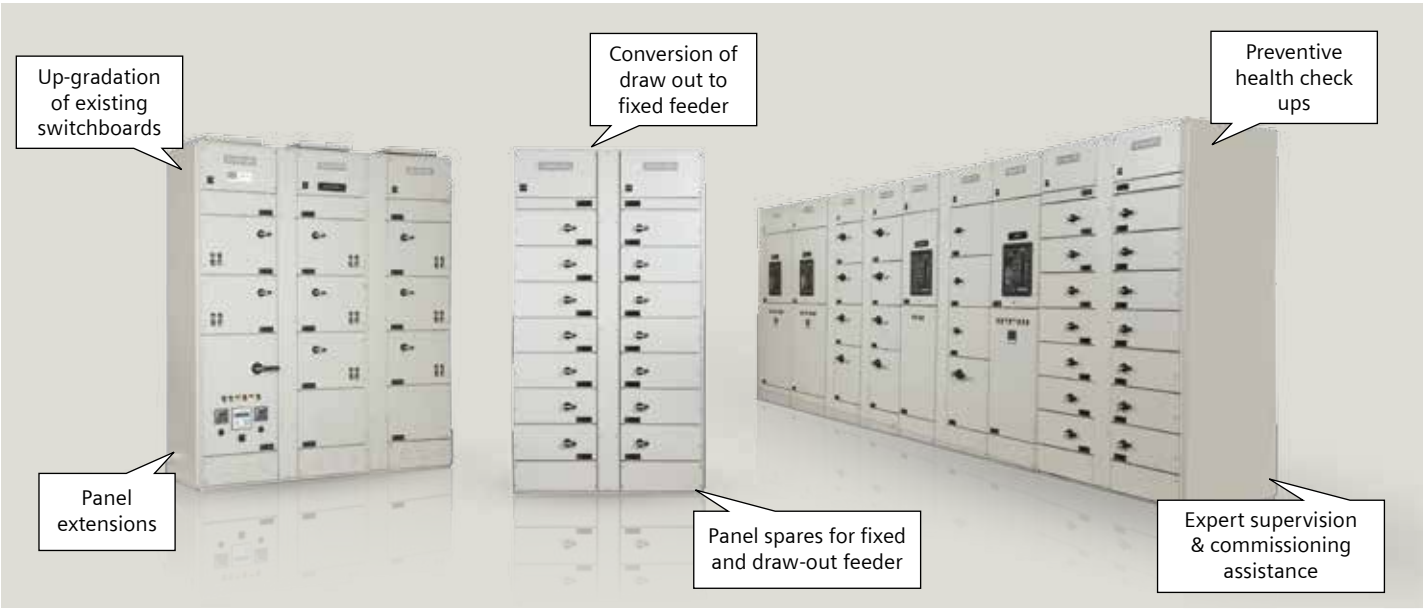

- Annual Maintenance contract of LV Switchboards
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Please get in touch with us for details

CUSTOMER CARE

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For information on prices of below products please refer to the Low Voltage Control Products valid Price List

Terms and conditions

Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.

The company reserves the right to supply goods at its works or godown at its discretion.

The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

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Stock items

The normal stock items (indicated by ■) are subject to change without prior notice.

Note

- **This supercedes all previous Price Lists.**
- **List Prices (LPs) mentioned are exclusive of all taxes.**
- **Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.**
- **Invoice amount not to exceed MRP**
- **Invoice amount = MRP (less) applicable discount + applicable GST %**
- **For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.**

Ask your nearest Siemens partners to include you in our mailing list.

Always make your purchases only from our authorised dealers. Details available with our sales office/territory managers.

Notes

Notes

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The Power of Simplicity

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Order No.: SI-EP-PO-PL-0525
(This replaces SI-EP-PO-PL-1124
dated 15th November, 2024)

Customer Care Toll free no. 1800 209 0987
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Product upgradation is a continuous process. Hence, data in this pricelist is subject to change without prior notice. For the latest information, please get in touch with your nearest Siemens Sales Office.

RAJA+ Agriculture Starters & Controllers

Soch Nayi, Vishwaas Wahi!

Price List w.e.f. 15th May, 2025

SIEMENS

With Raja+, Siemens establishes itself as a trusted leader in the production of premium control products to cater the evolving agriculture sector and is a cutting-edge, dependable, and cost-effective motor starter solution.

Here's a starter that is in line with current technology trends and is backed with **Siemens' 125-year legacy.**

Soch Nayi, Vishwaas Wahi!

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Protects motor and pumps from various faults

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Wide Band Coils
Reliable operation even during supply fluctuation

Submersible Pump Ratings Easy to select starters for all types of agriculture applications

Overview

Tried, Tested and Trusted Start with Siemens Agriculture Starters.

Now Siemens offers a wide range of starters to cater to diversified demands from Agriculture Sector. These products are specially designed to provide smart, easy and reliable motor starting solution.

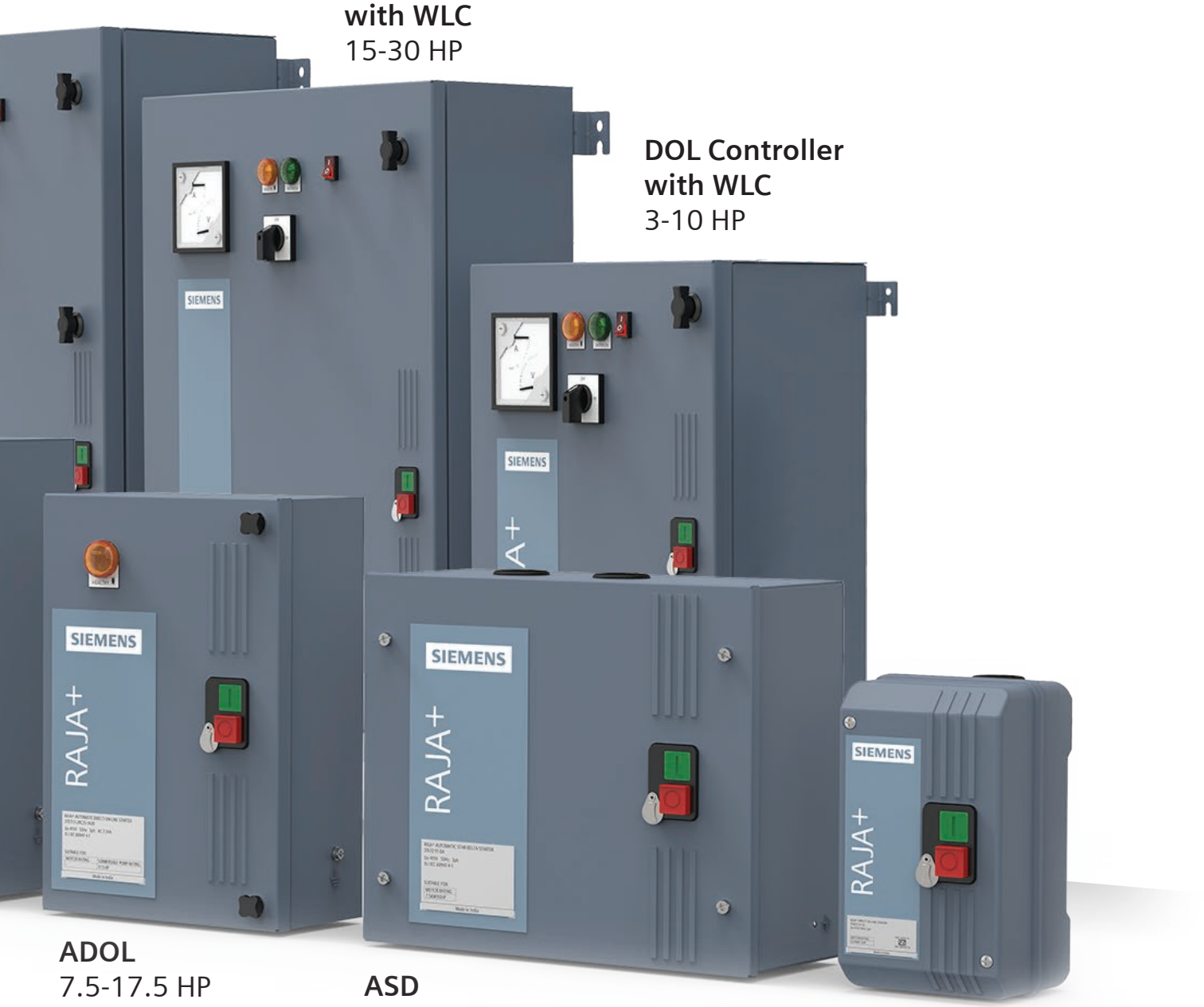
They employ tried and tested Siemens contactors and relay, complying to the latest national and international standards. This ensures the right start for motors requiring direct online starting or star delta starting.

FASD Starter
10-75 HP

DOL Controller
3-10 HP

FASD Controller with WLC
15-30 HP

DOL Controller with WLC
3-10 HP



ADOL
7.5-17.5 HP

ASD
10-25 HP

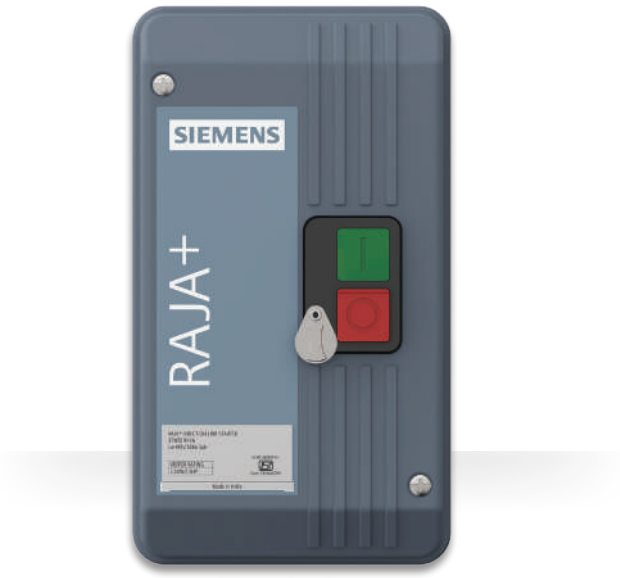
DOL
0.33-10 HP

Direct-On-Line
Starters

IS/IEC 60947-4-1
CM/L-7800027718

Type numbers: 3TW729

- Motor Rating at 415V 3ph 50Hz: 0.33 – 10HP | 0.25 – 7.5kW
- Contactors | OLRs: 3TS contactors | 3US/3UW overload Relay
- Coil Voltage: 200 – 400V | 352 – 456V AC, 50Hz
- Standard marking: ISI/IEC 60947-4-1
- IP42



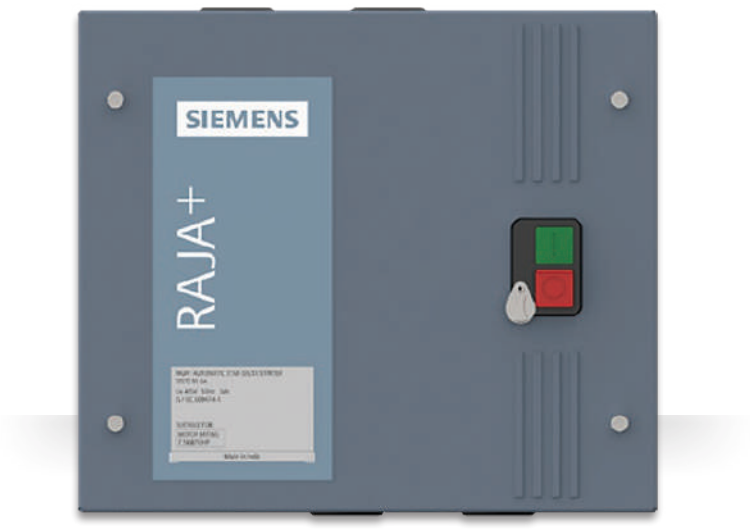
Name	Motor Rating At 415V3ph 50Hz		Starter Type	Contactors	Thermal Overload Relay	Relay Range (A)	MRP
	HP	kW					
RAJA+ DOL 0.33HP	0.33	0.25	3TW7291-1A*64	3TS3010-0A##-08KA0	3UW5102-0J	0.63-1	3250.-
RAJA+ DOL 0.75HP	0.75	0.55	3TW7291-1A*66	3TS3010-0A##-08KA0	3UW5102-1A	1-1.6	3250.-
RAJA+ DOL 1HP	1	0.75	3TW7291-1A*68	3TS3010-0A##-08KA0	3UW5102-1C	1.6-2.5	3250.-
RAJA+ DOL 1.5HP	1.5	1.1	3TW7291-1A*69	3TS3010-0A##-08KA0	3UW5102-1D	2-3.2	3250.-
RAJA+ DOL 2HP	2	1.5	3TW7291-1A*71	3TS3010-0A##-08KA0	3UW5102-1F	3.2-5	3250.-
RAJA+ DOL 3HP	3	2.2	3TW7291-1A*72	3TS3010-0A##-08KA0	3UW5102-1G	4-6.3	3250.-
RAJA+ DOL 5HP	5	3.7	3TW7291-1A*74	3TS3010-0A##-08KA0	3UW5102-1J	6.3-10	3250.-
RAJA+ DOL 7.5HP	7.5	5.5	3TW7291-1A*75	3TS3210-0A##-08KA0	3UW5102-1K	8-12.5	3250.-
RAJA+ H DOL 7.5HP	7.5	5.5	3TW7291-1A*77	3TS3210-0A##-08KA0	3UW5102-2A	10-16	3470.-
RAJA+ DOL 10HP	10	7.5	3TW7291-1A*78	3TS3210-0A##-08KA0	3UW5102-2B	12.5-20	3595.-

*Enter code for coil voltage, 50Hz (B for 200 - 400V AC, W for 332 - 456V AC)
Enter Code for operating coil voltage, 50Hz (Z6 for 200-400V, R0 for 415V)
Extra MRP of 260 INR for RAJA+ DOL starters 3TW72931A... (0.33-5HP) with 18A contactor
3TW72931A... are IEC 60947-4-1: 2012 compliant without ISI mark

Automatic Star-Delta
Starters

Type numbers: 3TE729

- Motor Rating at 415V 3ph 50Hz: 10 – 25 P | 7.5 – 18.5kW
- Contactors | OLRs: 3TS contactors | 3US overload Relay
- Coil Voltage: 200 – 400V | 352 – 456V AC, 50Hz
- Standard marking: ISI/IEC 60947-4-1
- IP42



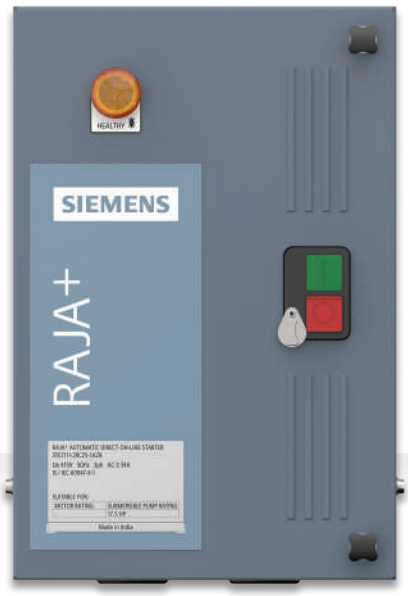
Name	Motor Rating At 415V 3ph 50Hz		Starter Type	Line Contactors	Delta Contactors	Star Contactors	Thermal Overload Relay	Relay Range (A)	MRP
	HP	kW							
RAJA+ ASD 10HP	10	7.5	3TE72910AW74	3TS3210-0A##-08K	3TS3210-0A##-08K	3TS3210-0A##-08K	3UW5102-1J	6.3-10	14350.-
RAJA+ ASD 12.5HP	12.5	9.3	3TE72910A*75	3TS3210-0A##-08K	3TS3210-0A##-08K	3TS3210-0A##-08K	3UW5102-1K	8-12.5	15055.-
RAJA+ ASD 15HP	15	11	3TE72910A*77	3TS3210-0A##-08K	3TS3210-0A##-08K	3TS3210-0A##-08K	3UW5102-2A	10-16	15450.-
RAJA+ ASD 20HP	20	15	3TE72910A*78	3TS3300-0A##-08K	3TS3300-0A##-08K	3TS3210-0A##-08K	3UW5202-2B	12.5-20	18140.-
RAJA+ ASD 25HP	25	18.5	3TE72910A*79	3TS3300-0A##-08K	3TS3300-0A##-08K	3TS3210-0A##-08K	3UW5202-2C	16-25	20815.-

*Enter code for coil voltage, 50Hz (B for 200 - 400V AC, W for 332 - 456V AC)
Enter Code for operating coil voltage 50Hz (Z6 for 200 - 400V, R0 for 415V)

Automatic Direct-On-Line Starters

Type numbers: 3TE7111

- Motor Rating at 415V 3ph 50Hz: 7.5 – 17.5HP | 5.5 – 13kW
- Clearly defined ratings for submersible pump set & for 3-phase Motors
- Contactors | OLRs: 3TS contactors | 3US/3UW overload Relay
- Coil Voltage: 200 – 400V | 260 – 457V AC, 50Hz
- IP42
- LED Indication: Indicating the incoming power supply availability & healthiness
- Special Line Monitoring Relay for Agriculture Starters provide protection against Phase Loss, Phase Reversal, Phase Unbalance, Under voltage and Over Voltage. It can be set in 3 different modes (Manual, Auto & Bypass) to suit the farmer's requirement.



Name	Motor Rating At 415V 3ph 50Hz HP / kW		Range (A)	Starter Type	Contactor $	Thermal Overload relay	MRP
	HP	kW					
RAJA+ H ADOL 7.5HP	7.5	5.5	10-16	3TE7111-2SC18-1A**	3TS3210-0A**-08K	3UW5102-2A	8195.-
RAJA+ H ADOL 10HP	10/12.5	7.5/9.3	16-25	3TE7111-2CC21-1A**	3TS3311-0A**-08K	3UW5202-2C	8710.-
RAJA+ H ADOL 12.5HP	12.5	9.3	20-32	3TE7111-2DC23-1AZ8	3TS3511-0AZ8-08K	3US5600-2D8K	8960.-
RAJA+ H ADOL 15HP	15	11	25-36	3TE7111-2QC24-1AZ8	3TS3511-0AZ8-08K	3US5600-2Q8K	10675.-
RAJA+ H ADOL 17.5HP	17.5	13	32-40	3TE7111-2RC25-1AZ8	3TS3611-0AZ8-08K	3US5600-2R8K	10930.-

Name	Motor Rating At 415V 3ph 50Hz HP / kW		Range (A)	Starter Type	Contactor $	Thermal Overload relay	MRP
	HP	kW					
RAJA+ ADOL 10HP	10	7.5	12.5-20	3TE7111-2BC21-1A**	3TS3311-0A**-08K	3UW5102-2B	8335.-
RAJA+ ADOL 15HP	15	11	16-25	3TE7111-2CC24-1A**	3TS3411-0A**-08K	3UW5202-2C	10200.-

**Enter code for coil voltage Z8 is 260 - 460V AC; Z6 is 200 - 400V AC

RAJA+
GSM Starters & Controllers

Smart, Efficient & Sustainable

- Complete Range for all Agricultural Applications
- Android based application for extensive customization
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- Complete Wireless Operation
- Built In Protection against all major Faults
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Combine it with our unique Android-based Application to further enhance your smart farming experience.

- Complete pump operation status in one place/one touch
- In built scheduler for flexible On/Off timings
- Compliant to all date privacy and security laws

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RAJA+ DOL Controllers & FASD With GSM

NEW

Type numbers: 3TE7141 & 3TE7441

- Motor Rating at 415V 3ph 50Hz : 3 – 10HP | 2.2 – 7.5kW DOL
  10 – 40HP | 7.5 – 30kW FASD
- Contactors | OLRs: 3TS contactors | 3US overload Relay
- Coil Voltage: 200 – 400V | 260 – 457V AC, 50Hz
- In Built GSM Module for Communication
- "Complete protection against Line Faults: Phase Loss, Phase Reversal, Phase Unbalance, Under voltage and Over Voltage"
- IP43

Direct Online Controller (DOL) With GSM

Model	Motor / Submersible Pump Rating At 415V 3ph 50Hz HP/kW	Range (A)	Starter Type	Contactor	Thermal Overload relay	MRP
RAJA+ DOL GSM	3/2.2	5-8	3TE7141-1HC141A**	3TS3010-0A**-08K	3US5000-1H8K	23435.-
RAJA+ DOL GSM	5/3.7	8-12.5	3TE7141-1KC161A**	3TS3110-0A**-08K	3UW5102-1K	23435.-
RAJA+ DOL GSM	6/4.5	10-16	3TE7141-2AC171A**	3TS3210-0A**-08K	3UW5102-2A	23435.-
RAJA+ DOL GSM	7.5/5.5	12.5-20	3TE7141-2BC181A**	3TS3210-0A**-08K	3UW5102-2B	25915.-
RAJA+ DOL GSM	10/7.5	16-25	3TE7141-2CC211A**	3TS3311-0A**-08K	3UW5202-2C	27965.-

Fully Automatic Star Delta (FASD) Starter With GSM

Name	Submersible Pump Rating At 415V 3ph 50Hz Pump Rating At 415V 3ph 50Hz		Relay range (A)	Type	Line/ Delta Contactor	Star Contactor	Thermal Overload relay	MRP
	HP	Kw						
RAJA+ FASD GSM 10 HP	10	7.5	6.3-10	3TE74411JC211A**	3TS3110-0A##-08K	3TS3010-0A##-08K	3UW5102-1J	35605.-
RAJA+ H FASD GSM 10 HP	10	7.5	8-12.5	3TE74411KC211A**	3TS3210-0A##-08K	3TS3010-0A##-08K	3UW5102-1K	35605.-
RAJA+ FASD GSM 15 HP	15	11	10-16	3TE74412AC241A**	3TS3300-0A##-08K	3TS3110-0A##-08K	3UW5202-2A	35605.-
RAJA+ H FASD GSM 15 HP	15	11	12.5-20	3TE74412BC241A**	3TS3300-0A##-08K	3TS3110-0A##-08K	3UW5202-2B	36135.-
RAJA+ FASD GSM 20 HP	20	15	12.5-20	3TE74412BC261A**	3TS3300-0A##-08K	3TS3110-0A##-08K	3UW5202-2B	40610.-
RAJA+ H FASD GSM 20 HP	20/30	15/22	20-32	3TE74412DC261AZ8	3TS3500-0AZ8-08K	3TS3300-0AZ8-08K	3US5600-2D8K	47650.-
RAJA+ FASD GSM 25 HP	25	18.5	16-25	3TE74412CC271AZ8	3TS3500-0AZ8-08K	3TS3210-0AZ8-08K	3US5600-2C8K	40685.-
RAJA+ H FASD GSM 30 HP	30/40	22/30	32-40	3TE74412RC281AZ8	3TS3500-0AZ8-08K	3TS3400-0AZ8-08K	3US5600-2R8K	72780.-

**Enter code for coil voltage Z8 is 260 - 460V AC; Z6 is 200 - 400V AC

Available for Ordering from January 2025

SIEMENS

RAJA+ Controllers & FASD

For a worry-free Irrigation

Complete Range of Starters and Controllers for Submersible pump application with Inbuilt protection and monitoring for a safe and sustainable irrigation.

Complete Range

With Inbuilt Single-Phase Preventer

On Delay for delayed and safe starting

Patented Technology for fault Indication

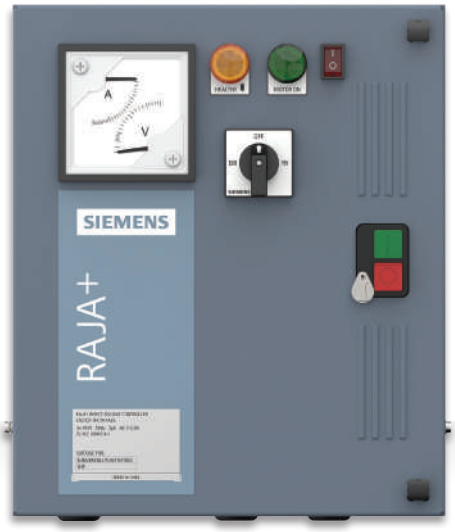
Protection against Over Voltage, Under Voltage, Single Phasing, Phase Reversal & Phase Unbalance

Auto switch for automatic restart after fault recovery

Direct-On-Line
Controller

Type numbers: 3TE7121

- Motor Rating at 415V 3ph 50Hz: 3 – 10HP | 2.2 – 7.5kW
- Clearly defined ratings for submersible pump set & for 3-phase Motors
- Contactors | OLRs: 3TS contactors | 3US overload Relay
- Coil Voltage: 200 – 400V | 260 – 457V AC, 50Hz
- IP43
- LED Indication: Amber LED Indicating the incoming power supply availability & healthiness
- Green LED Motor on indication
- AV meter for current, voltage indication
- Special Line Monitoring Relay for Agriculture Starters provide protection against Phase Loss, Phase Reversal, Phase Unbalance, Under voltage and Over Voltage. It can be set in 3 different modes (Manual, Auto & Bypass) to suit the farmer's requirement.



Name	Motor / Submersible Pump Rating At 415V 3ph 50Hz HP/kW	Range (A)	Starter Type	Contactor $	Thermal Overload relay	MRP
RAJA+ H DOL C 3HP	3/2.2	5-8	3TE7121-1HC14-1A**	3TS3010-0A**-08K	3US5000-1H8K	11040.-
RAJA+ H DOL C 5HP	5/3.7	8-12.5	3TE7121-1KC16-1A**	3TS3110-0A**-08K	3UW5102-1K	11040.-
RAJA+ H DOL C 6HP	6/4.5	10-16	3TE7121-2AC17-1A**	3TS3210-0A**-08K	3UW5102-2A	11040.-
RAJA+ H DOL C 7.5HP	7.5/5.5	12.5-20	3TE7121-2BC18-1A**	3TS3210-0A**-08K	3UW5102-2B	13005.-
RAJA+ H DOL C 10HP	10/7.5	16-25	3TE7121-2CC21-1A**	3TS3311-0A**-08K	3UW5202-2C	14625.-

**Enter code for coil voltage Z8 is 260 - 460V AC; Z6 is 200 - 400V AC

Direct-On-Line
Controller with WLC

Type numbers: 3TE7131

- Motor Rating at 415V 3ph 50Hz: 3 – 10HP | 2.2 – 7.5kW
- Clearly defined ratings for submersible pump set & for 3-phase Motors
- Contactors | OLRs: 3TS contactors | 3US overload Relay
- Coil Voltage: 200 – 400V | 260 – 457V AC, 50Hz
- IP43
- LED Indication: Amber LED Indicating the incoming power supply availability & healthiness
- Green LED Motor on indication
- AV meter for current, voltage indication
- With Integrated Water level controller
- Special Line Monitoring Relay for Agriculture Starters provide protection against Phase Loss, Phase Reversal, Phase Unbalance, Under voltage and Over Voltage. It can be set in 3 different modes (Manual, Auto & Bypass) to suit the farmer's requirement.

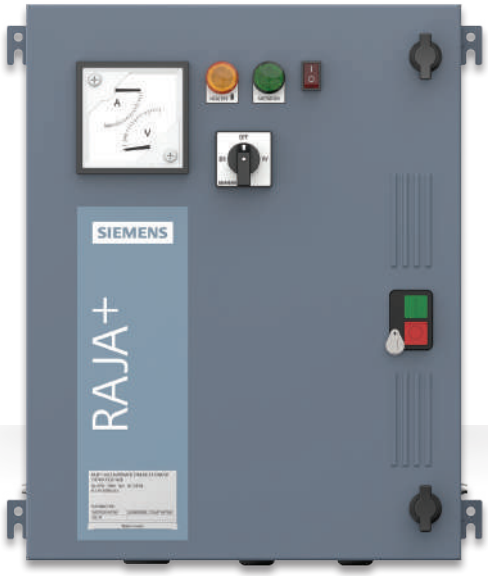
Name	Motor / Submersible Pump Rating At 415V 3ph 50Hz HP/kW	Range (A)	Starter Type	Contactor	Thermal Overload relay	MRP
RAJA+ H DOL CW 3HP	3/2.2	5-8	3TE7131-1HC14-1A**	3TS3010-0A**-08K	3US5000-1H8K	16345.-
RAJA+ H DOL CW 5HP	5/3.7	8-12.5	3TE7131-1KC16-1A**	3TS3110-0A**-08K	3UW5102-1K	16345.-
RAJA+ H DOL CW 6HP	6/4.5	10-16	3TE7131-2AC17-1A**	3TS3210-0A**-08K	3UW5102-2A	16540.-
RAJA+ H DOL CW 7.5HP	7.5/5.5	12.5-20	3TE7131-2BC18-1A**	3TS3210-0A**-08K	3UW5102-2B	16685.-
RAJA+ H DOL CW 10HP	10/7.5	16-25	3TE7131-2CC21-1A**	3TS3311-0A**-08K	3UW5202-2C	18085.-

**Enter code for coil voltage Z8 is 260 - 460V AC; Z6 is 200 - 400V AC

Fully Automatic Star Delta Starter

Type numbers: 3TE7421

- Motor Rating at 415V 3ph 50Hz: 10 – 75HP | 7.5 – 55kW
- Clearly defined ratings for submersible pump set & for 3-phase Motors
- Contactors | OLRs: 3TS contactors | 3US overload Relay
- Coil Voltage: 200 – 400V | 260 – 457V | 332 – 457V | 304 – 418V AC, 50Hz
- IP43
- LED Indication: Amber LED Indicating the incoming power supply availability & healthiness
- Green LED Motor on indication
- AV meter for current, voltage indication
- Special Line Monitoring Relay for Agriculture Starters provide protection against Phase Loss, Phase Reversal, Phase Unbalance, Under voltage and Over Voltage. It can be set in 3 different modes (Manual, Auto & Bypass) to suit the farmer's requirement.



Name	Submersible Pump Rating At 415V 3ph 50Hz		Relay range (A)	Type	Line/ Delta Contactor	Star Contactor	Thermal Overload relay	MRP
	HP	Kw						
RAJA+ FASD 10HP	10	7.5	6.3-10	3TE7421-1JC21-1A##	3TS3110-0A##-08K	3TS3010-0A##-08K	3UW5102-1J	20665.-
RAJA+ FASD 15HP	15	11	10-16	3TE7421-2AC24-1A##	3TS3300-0A##-08K	3TS3110-0A##-08K	3UW5202-2A	20665.-
RAJA+ FASD 20HP	20	15	12.5-20	3TE7421-2BC26-1A##	3TS3300-0A##-08K	3TS3110-0A##-08K	3UW5202-2B	24630.-
RAJA+ FASD 25HP	25	18.5	16-25	3TE7421-2CC27-1AZ8	3TS3500-0AZ8-08K	3TS3210-0AZ8-08K	3US5600-2C8K	24685.-
RAJA+ FASD 50HP	50	37	36-45	3TE7421-8MC33-1A$$	3TS4722-0A$$-08K	3TS3500-0A$$-08K	3US5600-8M8K	62215.-
RAJA+ FASD 75HP	75	55	50-63	3TE7421-2PC35-1A$$	3TS4822-0A$$-08K	3TS4722-0A$$-08K	3US5800-2P8K	103975.-

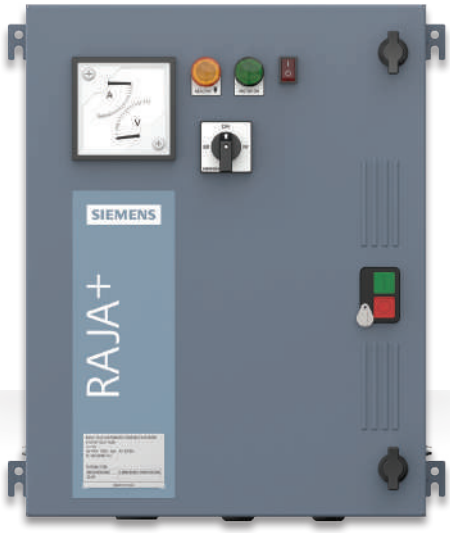
Name	Submersible Pump Rating At 415V 3ph 50Hz		Relay range (A)	Type	Line/ Delta Contactor	Star Contactor	Thermal Overload relay	MRP
	HP	Kw						
RAJA+ H FASD 10HP	10	7.5	8-12.5	3TE7421-1KC21-1A##	3TS3210-0A##-08K	3TS3010-0A##-08K	3UW5102-1K	20665.-
RAJA+ H FASD 15HP	15/17.5	11/13	12.5-20	3TE7421-2BC24-1A##	3TS3300-0A##-08K	3TS3110-0A##-08K	3UW5202-2B	21085.-
RAJA+ H FASD 20HP	20/30	15/22	20-32	3TE7421-2DC26-1AZ8	3TS3500-0AZ8-08K	3TS3300-0AZ8-08K	3US5600-2D8K	30200.-
RAJA+ H FASD 30HP	30/40	22/30	32-40	3TE7421-2RC28-1AZ8	3TS3500-0AZ8-08K	3TS3400-0AZ8-08K	3US5600-2R8K	44125.-
RAJA+ H FASD 40HP	40	30	40-57	3TE7421-2TC31-1A$$	3TS4722-0A$$-08K	3TS3500-0A$$-08K	3US5800-2T8K	65990.-
RAJA+ H FASD 50HP	50	37	40-57	3TE7421-2TC33-1A$$	3TS4722-0A$$-08K	3TS3600-0A$$-08K	3US5800-2T8K	78005.-
RAJA+ H FASD 75HP	75	55	85-105	3TE7421-5CC35-1A$$	3TS5122-0A$$-08K	3TS4822-0A$$-08K	3US5800-5C8K	109520.-

Enter code for coil voltage Z8 is 260 - 460V AC; Z6 is 200 - 400V AC
$$ Enter code for coil voltage R0 is 332 - 457V AC; Q0 is 304 - 418V AC

Fully Automatic Star Delta Controller with WLC

Type numbers: 3TE7431

- Motor Rating at 415V 3ph 50Hz: 15 – 30HP | 11 – 22kW
- Clearly defined ratings for submersible pump set & for 3-phase Moto
- Contactors | OLRs: 3TS contactors | 3US overload Relay
- Coil Voltage: 200 – 400V | 260 – 457V AC, 50Hz
- IP43
- LED Indication:
  - Amber LED Indicating the incoming power supply availability & healthiness
  - Green LED Motor on indication
- Voltage Selector Switch
- With Integrated Water level controller
- Special Line Monitoring Relay for Agriculture Starters provide protection against Phase Loss, Phase Reversal, Phase Unbalance, Under voltage and Over Voltage. It can be set in 3 different modes (Manual, Auto & Bypass) to suit the farmer's requirement.



Name	Motor / Submersible Pump Rating At 415V 3ph 50Hz HP/ kW	Relay range (A)	Type	Line/ Delta Contactor	Star Contactor	Thermal Overload relay	MRP
RAJA+ H FASD CW 15HP	15/11	12.5-20	3TE7431-2BC24-1A**	3TS3300-0A**-08K	3TS3110-0A**-08K	3UW5202-2B	29205.-
RAJA+ H FASD CW 17.5HP	17.5/13	16-25	3TE7431- 2CC25-1AZ8	3TS3500-0AZ8-08K	3TS3300-0AZ8-08K	3US5600-2C8K	29335.-
RAJA+ H FASD CW 20HP	20/15	20-32	3TE7431-2DC26-1AZ8	3TS3500-0AZ8-08K	3TS3300-0AZ8-08K	3US5600-2D8K	36135.-
RAJA+ H FASD CW 25HP	25/18.5	20-32	3TE7431-2DC27-1AZ8	3TS3500-0AZ8-08K	3TS3400-0AZ8-08K	3US5600-2D8K	43825.-
RAJA+ H FASD CW 30HP	30/22	25-36	3TE7431-2RC28-1AZ8	3TS3500-0AZ8-08K	3TS3400-0AZ8-08K	3US5600-2Q8K	49335.-

**Enter code for coil voltage Z8 is 260 - 460V AC; Z6 is 200 - 400V AC

RAJA+ Spares

Contactor

#	MLFB	A3 (A)	MRP/LP
1	3TS3010-0AZ6-08K	9A	1580.-
2	3TS3010-0AZ8-08K	9A	1820.-
3	3TS3110-0AZ6-08K	12A	1965.-
4	3TS3110-0AZ8-08K	12A	2085.-
5	3TS3210-0AZ6-08K	18A	2080.-
6	3TS3210-0AZ8-08K	18A	2030.-
7	3TS3300-0AZ6-08K	25A	2775.-
8	3TS3300-0AZ8-08K	25A	2785.-
9	3TS3311-0AZ6-08K	25A	4030.-
10	3TS3311-0AZ8-08K	25A	4040.-
11	3TS3400-0AZ8-08K	32A	5780.-
12	3TS3411-0AZ6-08K	32A	6865.-
13	3TS3411-0AZ8-08K	32A	6890.-
14	3TS3500-0AQ0-08K	40A	8005.-
15	3TS3500-0AR0-08K	40A	8010.-
16	3TS3500-0AZ8-08K	40A	8425.-
17	3TS3511-0AZ8-08K	40A	9340.-
18	3TS3600-0AQ0-08K	50A	10860.-
19	3TS3600-0AR0-08K	50A	11105.-
20	3TS3611-0AZ8-08K	50A	12240.-
21	3TS4722-0AQ0-08K	65A	15120.-
22	3TS4722-0AR0-08K	65A	15765.-
23	3TS4822-0AQ0-08K	75A	19575.-
24	3TS4822-0AR0-08K	75A	20520.-
25	3TS5122-0AQ0-08K	140A	35250.-
26	3TS5122-0AR0-08K	140A	37330.-
27	3TS3201-0AZ6-08K	18A	2080.-
28	3TS3210-0AR0-08K	18A	1950.-
29	3TS3300-0AR0-08K	25A	2505.-
30	3TS3201-0AR0-08K	18A	1950.-
31	3TS3210-0AR0-08K	12A	1950.-
32	3TS3010-0AZ608KA0	9A	1670.-
33	3TS3210-0AZ608KA0	18A	2180.-
34	3TS3010-0AR008KA0	9A	1670.-
35	3TS3210-0AR008KA0	18A	2180.-

Coil

#	Description	Coil (V)	MRP/LP
1	Coil for 415V (3TS30-34)	3TY7403-0AR0	Price on Request
2	Coil for 260-460V (3TS30-34)	3TY7403-0AW415	
3	Coil for 200-400V (3TS30-34)	3TY7403-0AZ6	
4	Coil for 380V (3TS35/36)	3TY7443-0AQ0	
5	Coil for 415V (3TS35/36)	3TY7443-0AR0	
6	Coil for 260-460V (3TS35)	3TY7443-0AW415	
7	Coil for 380V (3TS47/48)	3TY7463-0AQ0	
8	Coil for 415V (3TS47/48)	3TY7463-0AR0	
9	Coil for 380V (3TS51)	3TY7503-0AQ0	
10	Coil for 415V (3TS51)	3TY7503-0AR0	

Overload Relay

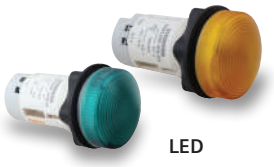
#	MLFB	Range	MRP/LP
1	3US5000-1H8K	5-8	2600.-
2	3US5600-2C8K	16-25	4400.-
3	3US5600-2D8K	20-32	4710.-
4	3US5600-2Q8K	25-36	4710.-
5	3US5600-2R8K	32-40	4925.-
6	3US5600-8M8K	36-45	4925.-
7	3US5800-2P8K	50-63	7920.-
8	3US5800-2T8K	40-57	6335.-
9	3US5800-5C8K	85-105	8410.-
10	3UW5102-1J	6.3-10	Price on Request
11	3UW5102-1K	8-12.5	
12	3UW5102-2A	10-16	
13	3UW5102-2B	12.5-20	
14	3UW5202-2A	10-16	
15	3UW5202-2B	12.5-20	
16	3UW5202-2C	16-25	
17	3UW5102-0J	0.63-1	
18	3UW5102-1A	1-1.6	
19	3UW5102-1C	1.6-2.5	
20	3UW5102-1D	2-3.2	
21	3UW5102-1F	3.2-5	
22	3UW5102-1G	4-6.3	

RAJA+ Spares

Other Spares

#	Description	MLFB	MRP/LP
1	Timer for 260-460V	3RP1576-1NM208K	3315.-
2	Timer for 200-400V	3RP1576-1NP208K	3315.-
3	Green LED	3SB5285-6HE06	695.-
4	Amber LED	3SB5285-6HL33	400.-
5	1NO Contact Block	3SB5420-0B	140.-
6	1NC Contact Block	3SB5420-0C	140.-
7	LMRA for 200-400V	7UG0613-0FE20	1560.-
8	LMRA for 260-460V	7UG0613-0FF20	1560.-
9	LMRA for 380V	7UG0613-0FG20	1560.-
10	LMRA for 415V	7UG0613-0FH20	1560.-
11	WLC 415V	7UG0685-0FJ21	2475.-
12	Sensor for WLC_set of 3	7UG0985-0YY00	765.-
13	Selector Switch	3LD4001-4DC30-0RC0	330.-

Selector Switch


LED

3SB5 Contact Block

SD Timer

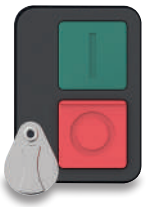
LMRA

#	Description	MRP	Std. Pkg.
1	ROCKER SWITCH	110.-	10
2	CT 200A/5A Tape Wound	835.-	1
3	Terminal block 30A	100.-	6
4	Terminal block 60A	200.-	5
5	Terminal block 100A	750.-	1
6	VA Meter 100A	1415.-	1
7	VA Meter 60A	1415.-	1
8	VA Meter 30A	1335.-	1
9	VA Meter 5A	1335.-	1
10	Twin Push Button Latchable	115.-	10

VA Meter

Rocker Switch

Terminal Block


Push Button

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3WJ air circuit breakers

Powering infrastructures across the globe

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and online test facility
- Breaking capacity upto 55 kA
- Ready to close mechanism for safe operation

Reliable

Safe

Comprehensive

Efficient

Adaptable

Customizable

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ACB: 3WJ

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and Online test facility
- Breaking capacity upto 55kA
- Ready to close mechanism for safe operation

Standard breaking capacity, 440 VAC $I_{cu} = I_{cs} = I_{cw(1s)}$

Microprocessor based trip unit ETU360WJ: LSING[1] + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Withdrawable design with Guide Frame [2]			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MDO	3WJ1108-2AF52-1AA0	265250.-	3WJ1108-2AF62-1AA0	350185.-
			EDO	3WJ1108-2AF52-4DA4	341665.-	3WJ1108-2AF62-4DA4	426600.-
		1000	MDO	3WJ1110-2AF52-1AA0	272710.-	3WJ1110-2AF62-1AA0	356585.-
			EDO	3WJ1110-2AF52-4DA4	349125.-	3WJ1110-2AF62-4DA4	433000.-
		1250	MDO	3WJ1112-2AF52-1AA0	304735.-	3WJ1112-2AF62-1AA0	364365.-
			EDO	3WJ1112-2AF52-4DA4	381150.-	3WJ1112-2AF62-4DA4	440780.-
		1600	MDO	3WJ1116-2AF52-1AA0	334670.-	3WJ1116-2AF62-1AA0	407350.-
			EDO	3WJ1116-2AF52-4DA4	411085.-	3WJ1116-2AF62-4DA4	483765.-
II	55kA	2000	MDO	3WJ1220-2AF52-1AA0	466780.-	3WJ1220-2AF62-1AA0	576630.-
			EDO	3WJ1220-2AF52-4DA4	543195.-	3WJ1220-2AF62-4DA4	653045.-
		2500	MDO	3WJ1225-2AF52-1AA0	530025.-	3WJ1225-2AF62-1AA0	676370.-
			EDO	3WJ1225-2AF52-4DA4	606440.-	3WJ1225-2AF62-4DA4	752785.-
		3200	MDO	3WJ1232-2AF52-1AA0	682265.-	3WJ1232-2AF62-1AA0	839240.-
			EDO	3WJ1232-2AF52-4DA4	758680.-	3WJ1232-2AF62-4DA4	915655.-
		4000	MDO	3WJ1240-2AF51-1AA0	794055.-	3WJ1240-2AF61-1AA0	1008450.-
			EDO	3WJ1240-2AF51-4DA4	870470.-	3WJ1240-2AF61-4DA4	1084865.-
ETU350WJ: LSI + Display				E	Reduce 7190.-	E	Reduce 7190.-

Microprocessor based trip unit ETU360WJ: LSING[1] + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Fixed Mounted design [3]			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MF	3WJ1108-2AF02-1AA0	196990.-	3WJ1108-2AF12-1AA0	274645.-
			EF	3WJ1108-2AF02-4DA4	273405.-	3WJ1108-2AF12-4DA4	351060.-
		1000	MF	3WJ1110-2AF02-1AA0	201000.-	3WJ1110-2AF12-1AA0	291515.-
			EF	3WJ1110-2AF02-4DA4	277415.-	3WJ1110-2AF12-4DA4	367930.-
		1250	MF	3WJ1112-2AF02-1AA0	250230.-	3WJ1112-2AF12-1AA0	297940.-
			EF	3WJ1112-2AF02-4DA4	326645.-	3WJ1112-2AF12-4DA4	374355.-
		1600	MF	3WJ1116-2AF02-1AA0	261115.-	3WJ1116-2AF12-1AA0	326425.-
			EF	3WJ1116-2AF02-4DA4	337530.-	3WJ1116-2AF12-4DA4	402840.-
II	55kA	2000	MF	3WJ1220-2AF02-1AA0	325460.-	3WJ1220-2AF12-1AA0	471335.-
			EF	3WJ1220-2AF02-4DA4	401875.-	3WJ1220-2AF12-4DA4	547750.-
		2500	MF	3WJ1225-2AF02-1AA0	368630.-	3WJ1225-2AF12-1AA0	555105.-
			EF	3WJ1225-2AF02-4DA4	445045.-	3WJ1225-2AF12-4DA4	631520.-
		3200	MF	3WJ1232-2AF02-1AA0	566355.-	3WJ1232-2AF12-1AA0	699640.-
			EF	3WJ1232-2AF02-4DA4	642770.-	3WJ1232-2AF12-4DA4	776055.-
		4000	MF	3WJ1240-2AF01-1AA0	686255.-	3WJ1240-2AF11-1AA0	948830.-
			EF	3WJ1240-2AF01-4DA4	762670.-	3WJ1240-2AF11-4DA4	1025245.-
ETU350WJ: LSI + Display				E	Reduce 7190.-	E	Reduce 7190.-

For Non-Automatic ACBs please deduct ₹ 8630/- from the LPs of the ACBs. *For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office*

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection G: Ground fault protection[1] N: Neutral protection[1]

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240V AC/DC and shunt release of 220-240V AC/DC.

[1] Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

[2] Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+ 2NC

[3] Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+2NC

 # For complete ordering code please contact your nearest Siemens Sales Office

Std. Pkg. = 1 unit * LP - List Price

Add-on options (Factory fitted)

Description		Unit LP* ₹
Ready to close signal switch		4780.-
Trip signal switch (Not applicable for Non-Automatic Circuit Breakers)		4780.-
Position Signal Switch (3x connected, 2x test, 1x disconnected)		16100.-
Castell lock mounting kit[1)]		5690.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker (Door interlock)		11825.-
Mutual Mechanical Interlocking (Bowden wire interlocking module with 2m cable)	For Fixed Circuit Breakers	26530.-
	For Withdrawable Circuit Breakers with guide frame	24630.-

[1)] Locks to be ordered separately. Refer Page 8

3WJ Accessories & Spares

Auxiliary Releases & Operating mechanism

Description		Type	Unit LP* ₹
Closing coil (CC) / Shunt trip (ST)			
Suitable for continuous duty	DC 24 V	3WJ9111-0AD01	8130.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AD05	8130.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AD06	8130.-
Undervoltage release (UVR)			
with Undervoltage Release (UVR), instantaneous (≤ 80 ms), short delay (≤ 200 ms)	DC 24 V	3WJ9111-0AE01	9385.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE05	9385.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE06	9385.-
	AC 380 ... 415 V	3WJ9111-0AE07	9385.-
with Undervoltage Release (UVR-t), adjustable 0.2 s and 3.2 s	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE15	29410.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE16	29410.-
	AC 380 ... 415 V	3WJ9111-0AE17	26465.-
Operating mechanism			
Spring charging motor to charged the stored energy mechanism	DC 24 V	3WJ9111-0AF01	88195.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AF05	88195.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AF06	88195.-

Accessories for electronic trip unit

Description			Type	Unit LP* ₹
Sealable & lockable covers				
Transparent cover for ETU 350/360 WJ			3WJ9111-0EM21	335.-
Indication / operator control elements				
Ready-to-close signal switch			3WJ9111-0AH01	5410.-
1st trip signal switch			3WJ9111-0AH02	5410.-
5 digit Mechanical Operating cycle counter			3WJ9111-0AH04	15340.-
Position signaling switch for withdrawable circuit breakers	PSS: 6 changeover contacts; 3x connected position, 2x test position, 1x disconnected position		3WJ9111-0AH11	18370.-
Auxiliary Switch	2 NO and 2 NC contacts	S1/S2	3WJ9111-0AG01	4550.-
	3 NO and 1 NC contacts	S3/S4	3WJ9111-0AG02	4550.-
	4 NO Contacts	S3/S4	3WJ9111-0AG03	4550.-
	2 NO and 2 NC contacts	S3/S4	3WJ9111-0AG04	4550.-
External current sensors for N-conductor				
without copper connectors	FS I		3WJ9111-0AA21	29955.-
	FS II		3WJ9111-0AA22	36415.-
with copper connectors	FS I		3WJ9111-0AA31	32880.-
	FS II		3WJ9111-0AA32	37735.-

Std. Pkg. = 1 unit

* LP - List Price

3WJ Accessories & Spares (Contd.)

Description		Type	Unit LP* ₹
Other operating / mounting accessories			
Door sealing frame	IP 41	**3WJ9111-0AP01**	**3575.-**
Protective cover	IP 55	**3WJ9111-0AP03**	**POR**
Crank handle (to be ordered separately)		**3WJ9111-0BC01**	**2185.-**
Sealing cap for ON/OFF push button		**3WJ9111-0AP05**	**POR**
Locking accessories			
To prevent unauthorized activation in the operator panel of the circuit breaker.	Mounting kit for CASTELL[1)]	**3WJ9111-0BA31**	**13155.-**
	Safety lock (3SB1) instead of the OFF button. CES lock	**3WJ9111-0BA35**	**5820.-**
Castell lock ([1)] To be ordered separately with Factory fitted option Castell lock mounting kit or with accessory 3WJ9111-0BA31)	Type A	**3WX3663-6JELA**	**6870.-**
	Type B	**3WX3663-6JELB**	**6870.-**
	Type C	**3WX3663-6JELC**	**6870.-**
	Type D	**3WX3663-6JELD**	**6870.-**
	Type AB	**3WX3663-6JELAB**	**6870.-**
	Type AC	**3WX3663-6JELAC**	**6870.-**
Interlocking accessories			
For fixed-mounted circuit breakers	To prevent opening of the cabinet door in ON condition (Door interlock)	**3WJ9111-0BB12**	**14265.-**
For withdrawable circuit breakers	To prevent opening of the control cabinet door in connected position (Door interlock)	**3WJ9111-0BB13**	**14265.-**
Mutual mechanical Interlocking accessories			
Interlocking module with Bowden cable 2 m	For fixed-mounted breakers	**3WJ9111-0BB21**	**33550.-**
	For withdrawable circuit breakers with guide frame (R55)	**3WJ9111-0BB22**	**33550.-**
Bowden cable	2000 mm	**3WJ9111-0BB41**	**9585.-**
	3000 mm	**3WJ9111-0BB42**	**13345.-**
	4500 mm	**3WJ9111-0BB43**	**17255.-**

Std. Pkg. = 1 unit

POR: Price On Request

* LP - List Price

SINOVA THE POWER OF **SIMPLICITY**

3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime

NEW

Product highlights

Range

Current rating from	Ics = Icu =
160A to 630A	55kA

Microprocessor Based trip units

Color coded Knob switches	3P, 4P LSI, LSIG

Enhanced protection

Microprocessor trip units
L : Overload protection
S : Short time delayed short circuit protection
I : Instanstaneous short circuit protection
G : Ground fault protection

Enhanced protection

Approbations

RoHS	IEC 60947-1 General rules	IEC 60947-2 Circuit breakers

IEC 60947-5-1
Control circuit devices and switching elements - Electromechanical control circuit devices

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SINOVA THE POWER OF **SIMPLICITY**

3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime

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3VJ Moulded Case Circuit Breaker

3VJ10 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	3260.-	3VJ1096-0DA32-0AA0	4045.-	3VJ1096-0EA42-0AA0	5800.-
		20	3VJ1002-0DA22-0AA0	3260.-	3VJ1002-0DA32-0AA0	4045.-	3VJ1002-0EA42-0AA0	5800.-
		25	3VJ1092-0DA22-0AA0	3260.-	3VJ1092-0DA32-0AA0	4045.-	3VJ1092-0EA42-0AA0	5800.-
		32	3VJ1003-0DA22-0AA0	3260.-	3VJ1003-0DA32-0AA0	4045.-	3VJ1003-0EA42-0AA0	5800.-
		40	3VJ1004-0DA22-0AA0	3260.-	3VJ1004-0DA32-0AA0	4045.-	3VJ1004-0EA42-0AA0	5800.-
		50	3VJ1005-0DA22-0AA0	3260.-	3VJ1005-0DA32-0AA0	4045.-	3VJ1005-0EA42-0AA0	5800.-
		63	3VJ1006-0DA22-0AA0	3260.-	3VJ1006-0DA32-0AA0	4045.-	3VJ1006-0EA42-0AA0	5800.-
		80	3VJ1008-0DA22-0AA0	3260.-	3VJ1008-0DA32-0AA0	4045.-	3VJ1008-0EA42-0AA0	5800.-
		100	3VJ1010-0DA22-0AA0	3260.-	3VJ1010-0DA32-0AA0	4045.-	3VJ1010-0EA42-0AA0	5800.-
		125	3VJ1012-0DA22-0AA0	5035.-	3VJ1012-0DA32-0AA0	6070.-	3VJ1012-0EA42-0AA0	8695.-
	18kA	16	3VJ1096-1DA22-0AA0	4505.-	3VJ1096-1DA32-0AA0	6505.-	3VJ1096-1EA42-0AA0	8345.-
		20	3VJ1002-1DA22-0AA0	4505.-	3VJ1002-1DA32-0AA0	6505.-	3VJ1002-1EA42-0AA0	8345.-
		25	3VJ1092-1DA22-0AA0	4505.-	3VJ1092-1DA32-0AA0	6505.-	3VJ1092-1EA42-0AA0	8345.-
		32	3VJ1003-1DA22-0AA0	4505.-	3VJ1003-1DA32-0AA0	6505.-	3VJ1003-1EA42-0AA0	8345.-
		40	3VJ1004-1DA22-0AA0	4505.-	3VJ1004-1DA32-0AA0	6505.-	3VJ1004-1EA42-0AA0	8345.-
		50	3VJ1005-1DA22-0AA0	4505.-	3VJ1005-1DA32-0AA0	6505.-	3VJ1005-1EA42-0AA0	8345.-
		63	3VJ1006-1DA22-0AA0	4505.-	3VJ1006-1DA32-0AA0	6505.-	3VJ1006-1EA42-0AA0	8345.-
		80	3VJ1008-1DA22-0AA0	4505.-	3VJ1008-1DA32-0AA0	6505.-	3VJ1008-1EA42-0AA0	8345.-
		100	3VJ1010-1DA22-0AA0	4505.-	3VJ1010-1DA32-0AA0	6505.-	3VJ1010-1EA42-0AA0	8345.-
		125	3VJ1012-1DA22-0AA0	5215.-	3VJ1012-1DA32-0AA0	7460.-	3VJ1012-1EA42-0AA0	9705.-
	25kA	16	3VJ1096-3DA22-0AA0	5410.-	3VJ1096-3DA32-0AA0	7095.-	3VJ1096-3EA42-0AA0	9410.-
		20	3VJ1002-3DA22-0AA0	5410.-	3VJ1002-3DA32-0AA0	7095.-	3VJ1002-3EA42-0AA0	9410.-
		25	3VJ1092-3DA22-0AA0	5410.-	3VJ1092-3DA32-0AA0	7095.-	3VJ1092-3EA42-0AA0	9410.-
		32	3VJ1003-3DA22-0AA0	5410.-	3VJ1003-3DA32-0AA0	7095.-	3VJ1003-3EA42-0AA0	9410.-
		40	3VJ1004-3DA22-0AA0	5410.-	3VJ1004-3DA32-0AA0	7095.-	3VJ1004-3EA42-0AA0	9410.-
		50	3VJ1005-3DA22-0AA0	5410.-	3VJ1005-3DA32-0AA0	7095.-	3VJ1005-3EA42-0AA0	9410.-
		63	3VJ1006-3DA22-0AA0	5410.-	3VJ1006-3DA32-0AA0	7095.-	3VJ1006-3EA42-0AA0	9410.-
		80	3VJ1008-3DA22-0AA0	5410.-	3VJ1008-3DA32-0AA0	7095.-	3VJ1008-3EA42-0AA0	9410.-
		100	3VJ1010-3DA22-0AA0	5410.-	3VJ1010-3DA32-0AA0	7095.-	3VJ1010-3EA42-0AA0	9410.-
		125	3VJ1012-3DA22-0AA0	5410.-	3VJ1012-3DA32-0AA0	8105.-	3VJ1012-3EA42-0AA0	10345.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price

For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.

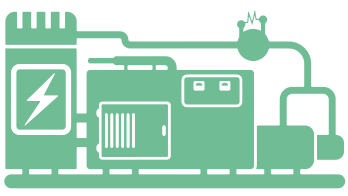
3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	10985.-	3VJ1216-3DA32-0AA0	12735.-	3VJ1216-3EA42-0AA0	16755.-
		200	3VJ1220-3DA22-0AA0	11110.-	3VJ1220-3DA32-0AA0	12935.-	3VJ1220-3EA42-0AA0	18395.-
		250	3VJ1225-3DA22-0AA0	11225.-	3VJ1225-3DA32-0AA0	14555.-	3VJ1225-3EA42-0AA0	19165.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	28830.-	3VJ1332-3EA42-0AA0	37130.-
		400	–	–	3VJ1340-3DA32-0AA0	28830.-	3VJ1340-3EA42-0AA0	37130.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8325.-	3VJ1196-5DA32-0AA0	9900.-	3VJ1196-5EA42-0AA0	13080.-
		20	3VJ1102-5DA22-0AA0	8325.-	3VJ1102-5DA32-0AA0	9900.-	3VJ1102-5EA42-0AA0	13080.-
		25	3VJ1192-5DA22-0AA0	8325.-	3VJ1192-5DA32-0AA0	9900.-	3VJ1192-5EA42-0AA0	13080.-
		32	3VJ1103-5DA22-0AA0	8325.-	3VJ1103-5DA32-0AA0	9900.-	3VJ1103-5EA42-0AA0	13080.-
		40	3VJ1104-5DA22-0AA0	8325.-	3VJ1104-5DA32-0AA0	9900.-	3VJ1104-5EA42-0AA0	13080.-
		50	3VJ1105-5DA22-0AA0	8325.-	3VJ1105-5DA32-0AA0	9900.-	3VJ1105-5EA42-0AA0	13080.-
		63	3VJ1106-5DA22-0AA0	8325.-	3VJ1106-5DA32-0AA0	9900.-	3VJ1106-5EA42-0AA0	13080.-
		80	3VJ1108-5DA22-0AA0	8325.-	3VJ1108-5DA32-0AA0	10195.-	3VJ1108-5EA42-0AA0	13485.-
		100	3VJ1110-5DA22-0AA0	8325.-	3VJ1110-5DA32-0AA0	10195.-	3VJ1110-5EA42-0AA0	13485.-
		125	3VJ1112-5DA22-0AA0	8325.-	3VJ1112-5DA32-0AA0	11215.-	3VJ1112-5EA42-0AA0	14655.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	11585.-	3VJ1216-5DA32-0AA0	14260.-	3VJ1216-5EA42-0AA0	17345.-
		200	3VJ1220-5DA22-0AA0	12205.-	3VJ1220-5DA32-0AA0	17585.-	3VJ1220-5EA42-0AA0	22695.-
		250	3VJ1225-5DA22-0AA0	13775.-	3VJ1225-5DA32-0AA0	20210.-	3VJ1225-5EA42-0AA0	26010.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	29550.-	3VJ1332-5EA42-0AA0	37850.-
		400	–	–	3VJ1340-5DA32-0AA0	29550.-	3VJ1340-5EA42-0AA0	37850.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-5DA32-0AA0	44330.-	3VJ1450-5EA42-0AA0	56780.-
		630	–	–	3VJ1463-5DA32-0AA0	44330.-	3VJ1463-5EA42-0AA0	56780.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	8760.-	3VJ1196-7DA32-0AA0	12665.-	3VJ1196-7EA42-0AA0	16710.-
		20	3VJ1102-7DA22-0AA0	8760.-	3VJ1102-7DA32-0AA0	12665.-	3VJ1102-7EA42-0AA0	16710.-
		25	3VJ1192-7DA22-0AA0	8760.-	3VJ1192-7DA32-0AA0	12665.-	3VJ1192-7EA42-0AA0	16710.-
		32	3VJ1103-7DA22-0AA0	8760.-	3VJ1103-7DA32-0AA0	12665.-	3VJ1103-7EA42-0AA0	16710.-
		40	3VJ1104-7DA22-0AA0	8760.-	3VJ1104-7DA32-0AA0	12665.-	3VJ1104-7EA42-0AA0	16710.-
		50	3VJ1105-7DA22-0AA0	8760.-	3VJ1105-7DA32-0AA0	12665.-	3VJ1105-7EA42-0AA0	16710.-
		63	3VJ1106-7DA22-0AA0	8760.-	3VJ1106-7DA32-0AA0	12665.-	3VJ1106-7EA42-0AA0	16710.-
		80	3VJ1108-7DA22-0AA0	8760.-	3VJ1108-7DA32-0AA0	12665.-	3VJ1108-7EA42-0AA0	16710.-
		100	3VJ1110-7DA22-0AA0	8760.-	3VJ1110-7DA32-0AA0	12665.-	3VJ1110-7EA42-0AA0	16710.-
		125	3VJ1112-7DA22-0AA0	8760.-	3VJ1112-7DA32-0AA0	13940.-	3VJ1112-7EA42-0AA0	18380.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	12560.-	3VJ1216-7DA32-0AA0	17640.-	3VJ1216-7EA42-0AA0	23300.-
		200	3VJ1220-7DA22-0AA0	12810.-	3VJ1220-7DA32-0AA0	20285.-	3VJ1220-7EA42-0AA0	26785.-
		250	3VJ1225-7DA22-0AA0	14030.-	3VJ1225-7DA32-0AA0	23325.-	3VJ1225-7EA42-0AA0	30810.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-7DA32-0AA0	30275.-	3VJ1332-7EA42-0AA0	38940.-
		400	–	–	3VJ1340-7DA32-0AA0	30275.-	3VJ1340-7EA42-0AA0	38940.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-7DA32-0AA0	45410.-	3VJ1450-7EA42-0AA0	58395.-
		630	–	–	3VJ1463-7DA32-0AA0	45410.-	3VJ1463-7EA42-0AA0	58395.-

Notes:

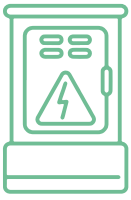
Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price



Diesel Generator

Compact Substation



Utility Feeder Panel

3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DB32-0AA0	5155.-	3VJ1096-0EB42-0AA0	6965.-
		20	3VJ1002-0DB32-0AA0	5155.-	3VJ1002-0EB42-0AA0	6965.-
		25	3VJ1092-0DB32-0AA0	5155.-	3VJ1092-0EB42-0AA0	6965.-
		32	3VJ1003-0DB32-0AA0	5155.-	3VJ1003-0EB42-0AA0	6965.-
		40	3VJ1004-0DB32-0AA0	5155.-	3VJ1004-0EB42-0AA0	6965.-
		50	3VJ1005-0DB32-0AA0	5155.-	3VJ1005-0EB42-0AA0	6965.-
		63	3VJ1006-0DB32-0AA0	5155.-	3VJ1006-0EB42-0AA0	6965.-
		80	3VJ1008-0DB32-0AA0	5155.-	3VJ1008-0EB42-0AA0	6965.-
		100	3VJ1010-0DB32-0AA0	5155.-	3VJ1010-0EB42-0AA0	6965.-
		125	3VJ1012-0DB32-0AA0	7415.-	3VJ1012-0EB42-0AA0	10465.-
	18kA	16	3VJ1096-1DB32-0AA0	7795.-	3VJ1096-1EB42-0AA0	10005.-
		20	3VJ1002-1DB32-0AA0	7795.-	3VJ1002-1EB42-0AA0	10005.-
		25	3VJ1092-1DB32-0AA0	7795.-	3VJ1092-1EB42-0AA0	10005.-
		32	3VJ1003-1DB32-0AA0	7795.-	3VJ1003-1EB42-0AA0	10005.-
		40	3VJ1004-1DB32-0AA0	7795.-	3VJ1004-1EB42-0AA0	10005.-
		50	3VJ1005-1DB32-0AA0	7795.-	3VJ1005-1EB42-0AA0	10005.-
		63	3VJ1006-1DB32-0AA0	7795.-	3VJ1006-1EB42-0AA0	10005.-
		80	3VJ1008-1DB32-0AA0	7795.-	3VJ1008-1EB42-0AA0	10005.-
		100	3VJ1010-1DB32-0AA0	7795.-	3VJ1010-1EB42-0AA0	10005.-
		125	3VJ1012-1DB32-0AA0	8935.-	3VJ1012-1EB42-0AA0	11635.-
	25kA	16	3VJ1096-3DB32-0AA0	8955.-	3VJ1096-3EB42-0AA0	11875.-
		20	3VJ1002-3DB32-0AA0	8955.-	3VJ1002-3EB42-0AA0	11875.-
		25	3VJ1092-3DB32-0AA0	8955.-	3VJ1092-3EB42-0AA0	11875.-
		32	3VJ1003-3DB32-0AA0	8955.-	3VJ1003-3EB42-0AA0	11875.-
		40	3VJ1004-3DB32-0AA0	8955.-	3VJ1004-3EB42-0AA0	11875.-
		50	3VJ1005-3DB32-0AA0	8955.-	3VJ1005-3EB42-0AA0	11875.-
		63	3VJ1006-3DB32-0AA0	8955.-	3VJ1006-3EB42-0AA0	11875.-
		80	3VJ1008-3DB32-0AA0	8955.-	3VJ1008-3EB42-0AA0	11875.-
		100	3VJ1010-3DB32-0AA0	8955.-	3VJ1010-3EB42-0AA0	11875.-
		125	3VJ1012-3DB32-0AA0	10215.-	3VJ1012-3EB42-0AA0	13055.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	14360.-	3VJ1216-3EB42-0AA0	17480.-
		200	3VJ1220-3DB32-0AA0	15505.-	3VJ1220-3EB42-0AA0	19515.-
		250	3VJ1225-3DB32-0AA0	17450.-	3VJ1225-3EB42-0AA0	22980.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	32655.-	3VJ1332-3EB42-0AA0	42055.-
		400	3VJ1340-3DB32-0AA0	32655.-	3VJ1340-3EB42-0AA0	42055.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	11875.-	3VJ1196-5EB42-0AA0	15685.-
		20	3VJ1102-5DB32-0AA0	11875.-	3VJ1102-5EB42-0AA0	15685.-
		25	3VJ1192-5DB32-0AA0	11875.-	3VJ1192-5EB42-0AA0	15685.-
		32	3VJ1103-5DB32-0AA0	11875.-	3VJ1103-5EB42-0AA0	15685.-
		40	3VJ1104-5DB32-0AA0	11875.-	3VJ1104-5EB42-0AA0	15685.-
		50	3VJ1105-5DB32-0AA0	11875.-	3VJ1105-5EB42-0AA0	15685.-
		63	3VJ1106-5DB32-0AA0	11875.-	3VJ1106-5EB42-0AA0	15685.-
		80	3VJ1108-5DB32-0AA0	11875.-	3VJ1108-5EB42-0AA0	15685.-
		100	3VJ1110-5DB32-0AA0	11875.-	3VJ1110-5EB42-0AA0	15685.-
		125	3VJ1112-5DB32-0AA0	13450.-	3VJ1112-5EB42-0AA0	17050.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	16290.-	3VJ1216-5EB42-0AA0	19805.-
		200	3VJ1220-5DB32-0AA0	21085.-	3VJ1220-5EB42-0AA0	27215.-
		250	3VJ1225-5DB32-0AA0	24240.-	3VJ1225-5EB42-0AA0	31190.-
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	33470.-	3VJ1332-5EB42-0AA0	42870.-
		400	3VJ1340-5DB32-0AA0	33470.-	3VJ1340-5EB42-0AA0	42870.-
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	50210.-	3VJ1450-5EB42-0AA0	64305.-
		630	3VJ1463-5DB32-0AA0	50210.-	3VJ1463-5EB42-0AA0	64305.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	14345.-	3VJ1196-7EB42-0AA0	18920.-
		20	3VJ1102-7DB32-0AA0	14345.-	3VJ1102-7EB42-0AA0	18920.-
		25	3VJ1192-7DB32-0AA0	14345.-	3VJ1192-7EB42-0AA0	18920.-
		32	3VJ1103-7DB32-0AA0	14345.-	3VJ1103-7EB42-0AA0	18920.-
		40	3VJ1104-7DB32-0AA0	14345.-	3VJ1104-7EB42-0AA0	18920.-
		50	3VJ1105-7DB32-0AA0	14345.-	3VJ1105-7EB42-0AA0	18920.-
		63	3VJ1106-7DB32-0AA0	14345.-	3VJ1106-7EB42-0AA0	18920.-
		80	3VJ1108-7DB32-0AA0	14345.-	3VJ1108-7EB42-0AA0	18920.-
		100	3VJ1110-7DB32-0AA0	14345.-	3VJ1110-7EB42-0AA0	18920.-
		125	3VJ1112-7DB32-0AA0	15780.-	3VJ1112-7EB42-0AA0	20820.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	18885.-	3VJ1216-7EB42-0AA0	24945.-
		200	3VJ1220-7DB32-0AA0	21720.-	3VJ1220-7EB42-0AA0	28675.-
		250	3VJ1225-7DB32-0AA0	24965.-	3VJ1225-7EB42-0AA0	32980.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	34290.-	3VJ1332-7EB42-0AA0	44100.-
		400	3VJ1340-7DB32-0AA0	34290.-	3VJ1340-7EB42-0AA0	44100.-
3VJ14 (VJ1 630)		500	3VJ1450-7DB32-0AA0	51435.-	3VJ1450-7EB42-0AA0	66145.-
		630	3VJ1463-7DB32-0AA0	51435.-	3VJ1463-7EB42-0AA0	66145.-

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	6720.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	2320.-
	4P	7UG09911	2645.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	2645.-
	4P	7UG09911	2645.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	2800.-
	4P	7UG09913	3300.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915	4470.-

Earth Leakage Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6500.-
	230VAC	7UG0842-1CD20	6570.-
CBCT for ELR	35 mm dia	7UG0996	2365.-
	70 mm dia	7UG0997	2705.-
	120 mm dia	7UG0999	4605.-
	210 mm dia	7UG0994	8855.-
	310 mm dia	7UG0995	13200.-

Note: Order 1 no of shunt trip for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit * MRP - Max. Retail Price LP = List Price

3VJ Internal accessories

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1780.-	3VJ9218-0AN11	1835.-	3VJ9218-0AN11	1835.-	3VJ9417-0AN11	1995.-
	Right	–	–	3VJ9218-0AN21	1835.-	3VJ9218-0AN21	1835.-	3VJ9417-0AN21	1995.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1780.-	3VJ9118-0AA11	1780.-	3VJ9218-0AA11	1835.-	3VJ9417-0AA11	1995.-
	Right	–	–	3VJ9118-0AA21	1780.-	3VJ9218-0AA21	1835.-	3VJ9417-0AA21	1995.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2885.-	3VJ9118-0AD11	2885.-	3VJ9218-0AD11	3025.-	3VJ9417-0AD11	3435.-
	Right	–	–	3VJ9118-0AD21	2885.-	3VJ9218-0AD21	3025.-	3VJ9417-0AD21	3435.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	3670.-	3VJ9218-0ST11	3670.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	4125.-
	48V DC	–	–	3VJ9218-0ST12	3670.-	3VJ9218-0ST12	3670.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	4125.-
	110V DC	3VJ9018-0ST15	2670.-	3VJ9218-0ST15	3670.-	3VJ9218-0ST15	3670.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	4125.-
	110V AC	3VJ9018-0ST35	2670.-	3VJ9218-0ST35	3810.-	3VJ9218-0ST35	3810.-	–	–
	220V AC	3VJ9018-0ST36	2895.-	3VJ9218-0ST36	3935.-	3VJ9218-0ST36	3935.-	3VJ9417-0ST36	4540.-
	415V AC	3VJ9018-0ST37	2895.-	3VJ9218-0ST37	3935.-	3VJ9218-0ST37	3935.-	3VJ9417-0ST37	4540.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	5255.-	3VJ9218-0UV11	5255.-	–	–
	48V DC	–	–	3VJ9218-0UV12	5255.-	3VJ9218-0UV12	5255.-	–	–
	220V AC	–	–	3VJ9218-0UV36	5520.-	3VJ9218-0UV36	5520.-	3VJ9417-0UV36	13760.-
	415V AC	–	–	3VJ9218-0UV37	5905.-	3VJ9218-0UV37	5905.-	3VJ9417-0UV37	13760.-

Internal accessories are available for 2P, 3P & 4P 3VJ MCCBs

3VJ External accessories

Frame Size / Accessory	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	2740.-	3VJ9118-0HD11	2950.-	3VJ9218-0HD11	3450.-	3VJ9417-0HD11	4560.-	3VJ9417-0HD11	4560.-
Spreader Links^	2P	3VJ9012-0ED00	235.-	3VJ9112-0ED00	260.-	3VJ9212-0ED00	790.-	–	–	–	–
	3P	3VJ9013-0ED00	400.-	3VJ9113-0ED00	420.-	3VJ9213-0ED00	1280.-	3VJ9313-0ED00	2235.-	3VJ9413-0ED00	2805.-
	4P	3VJ9014-0ED00	520.-	3VJ9114-0ED00	545.-	3VJ9214-0ED00	1670.-	3VJ9314-0ED00	3150.-	3VJ9414-0ED00	3965.-
Phase Barriers#		3VJ9018-0CA00	185.-	3VJ9218-0CA00	290.-	3VJ9218-0CA00	290.-	3VJ9417-0CA00	330.-	3VJ9417-0CA00	330.-
Front Barriers$	2P/3P	3VJ9016-0CJ30	425.-	3VJ9116-0CJ30	505.-	3VJ9216-0CJ30	725.-	3VJ9413-0CJ30	945.-	3VJ9413-0CJ30	945.-
	4P	3VJ9014-0CJ40	595.-	3VJ9114-0CJ40	640.-	3VJ9214-0CJ40	845.-	3VJ9414-0CJ40	1165.-	3VJ9414-0CJ40	1165.-
Toogle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	750.-	3VJ9417-0DH10	750.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60702YQ..	6975.-	8UC60702YQ..	6975.-
SS Enclosures	2P/3P	3VJ9016-0DE11	2970.-	3VJ9116-0DE11	2970.-	3VJ9216-0DE12	6515.-	–	–	–	–
	4P	3VJ9014-0DE11	2970.-	3VJ9114-0DE11	2970.-	3VJ9214-0DE12	6515.-				
Padlock on MCCB Dolly/Knob	–	–	–	3VJ9118-0LM10	1190.-	3VJ9218-0LM10	1190.-	3VJ9317-0LM10	2885.-	3VJ9317-0LM10	2885.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	3250.-	3VJ9216-0VM10	6340.-	3VJ9313-0VM10	12360.-	3VJ9313-0VM10	12360.-
	4P	–	–	3VJ9114-0VM10	3390.-	3VJ9214-0VM10	7485.-	3VJ9314-0VM10	16530.-	3VJ9314-0VM10	16530.-

Notes:

@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.

^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.

Available as a spare; 1 set contains 2 phase barriers

$ 1 set contains 2 front barriers (top & bottom)

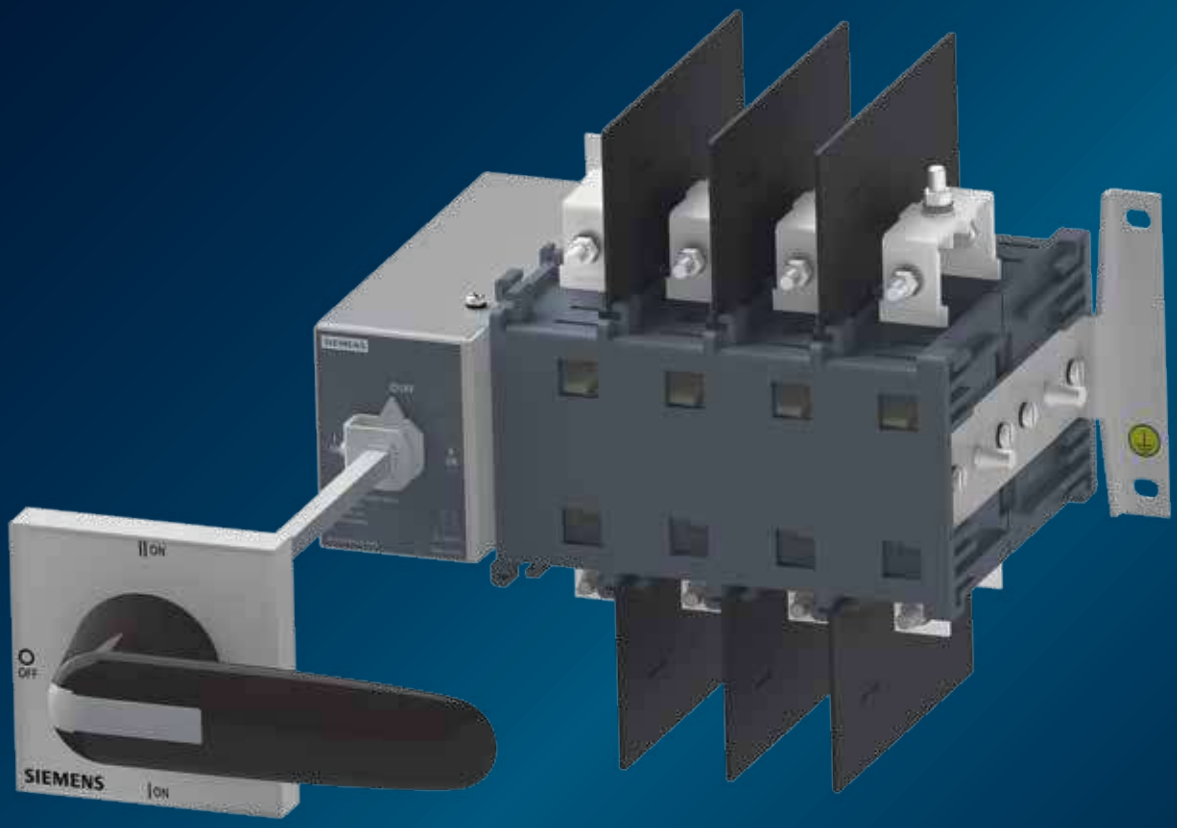
Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.

2P/3P SS enclosures provide inbuilt neutral link for TPN system

Padlocking devices can be used for locking MCCB in Off position

Mechanical interlocking devices can not be used along with the rotary operators

Std. Pkg. = 1 unit * MRP - Max. Retail Price



SINOVA

On Load Changeover Switches – 3KJ

The Power of Simplicity

- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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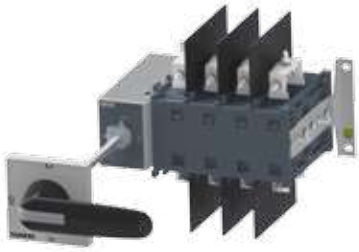
SIEMENS

Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz
- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A



Manual On Load Changeover Switch 3KJ 4-pole, for power distribution

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std.pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	7550.-	3KJ1126-4AA20-1AA0	14925.-	1
		100	3KJ1130-4AA20-0AA0	10035.-	3KJ1130-4AA20-1AA0	17535.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	15030.-	3KJ0132-4AA20-1AA0	20430.-	1
		160	3KJ0134-4AA20-0AA0	16515.-	3KJ0134-4AA20-1AA0	23395.-	1
	2	200	3KJ0236-4AA20-0AA0	21030.-	3KJ0236-4AA20-1AA0	27060.-	1
		250	3KJ0238-4AA20-0AA0	25740.-	3KJ0238-4AA20-1AA0	33625.-	1
		315	3KJ0240-4AA20-0AA0	33720.-	3KJ0240-4AA20-1AA0	41100.-	1
		400	3KJ0242-4AA20-0AA0	48950.-	3KJ0242-4AA20-1AA0	61105.-	1
	3	630	3KJ0346-4AA20-0AA0	58215.-	3KJ0346-4AA20-1AA0	70355.-	1
		800	3KJ0348-4AA20-0AA0	84440.-	3KJ0348-4AA20-1AA0	101185.-	1
	4	1000	3KJ0450-4AA30-0AA0	159035.-	3KJ0450-4AA30-1AA0	174885.-	1
		1250	3KJ0452-4AA30-0AA0	195995.-	3KJ0452-4AA30-1AA0	225865.-	1
		1600	3KJ0454-4AA30-0AA0	249855.-	3KJ0454-4AA30-1AA0	304615.-	1
	5	2000	3KJ0556-4AA30-0AA0	384625.-	3KJ0556-4AA30-1AA0	419860.-	1
		2500	3KJ0558-4AA30-0AA0	493130.-	3KJ0558-4AA30-1AA0	537235.-	1
		3150	3KJ0560-4AA30-0AA0	634075.-	3KJ0560-4AA30-1AA0	728200.-	1

Notes:

3KJ On Load Changeover Switch is switch disconnector type

3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars

Non-Modular construction

POR: Price On Request

Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

Manual On Load Changeover Switch 3KJ

Auxiliary switch

Gland box

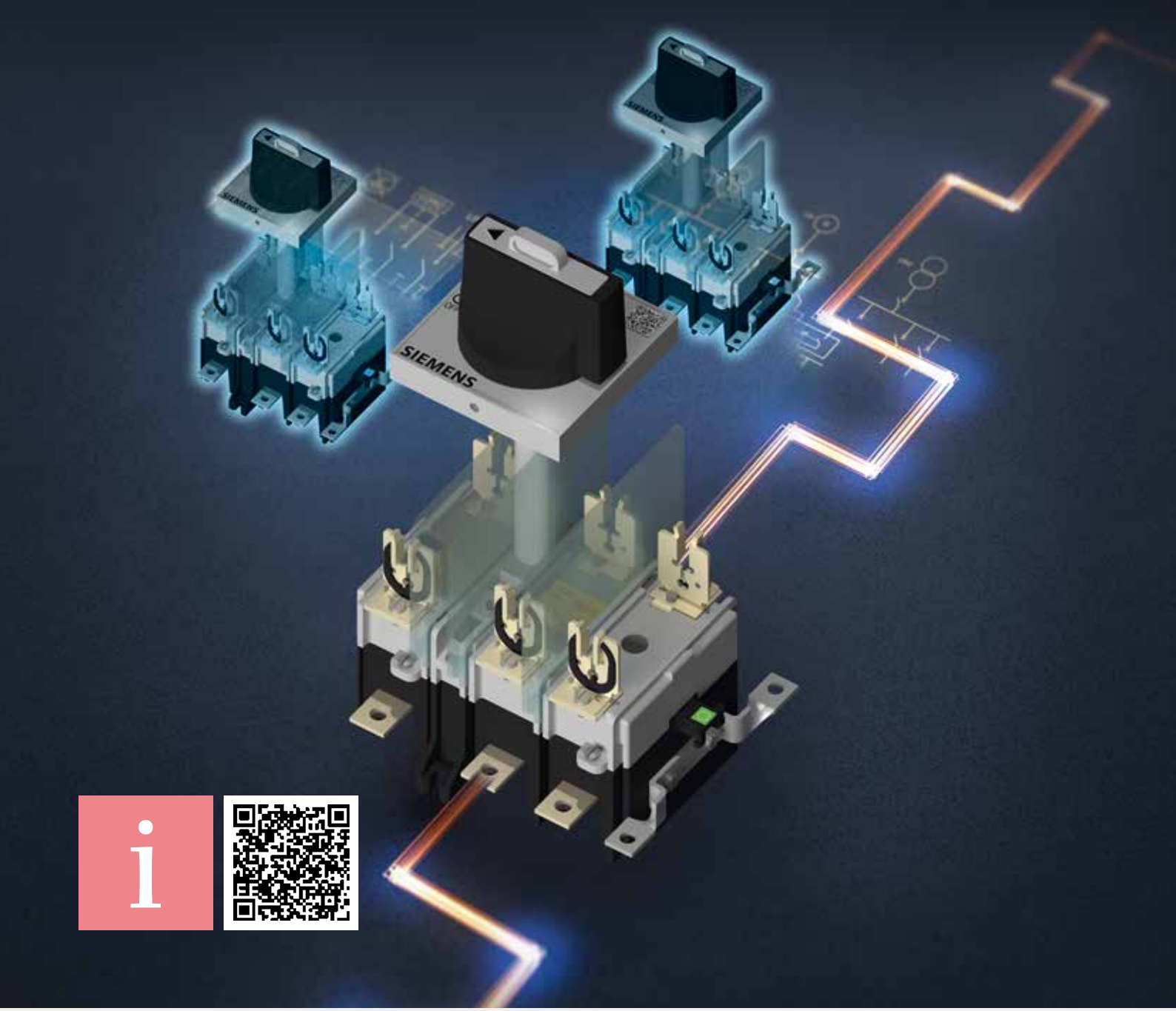
Accessories and spares

Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch [1]	1CO	3KJ9101-1AB00	755.-					1
	2CO	3KJ9101-1AD00	1510.-					1
	1NO+1NC			3KJ9001-1AB00	1960.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC			3KJ9001-1AD00	6825.-	3KJ9001-5AD00	14810.-	1
Gland box [2]	With one gland plate			3KJ9013-1MA00	4070.-	3KJ9013-2MB00	9205.-	1
Spare Phase barrier		3KJ9103-1CA00	50.-	3KJ9003-1CA00	70.-	3KJ9003-3CA00	110.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	715.-	3KJ9006-2FT00	715.-	3KJ9006-2FT00	715.-	1
Spare Shaft		3KJ9107-1GA00	240.-	3KJ9007-2GA00	240.-	3KJ9007-2GA00	240.-	1
Spare pole [3]				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
						315A 3KJ9008-2HG00		1
						400A 3KJ9008-2HH00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00		1
						400A 3KJ9002-2BE00		1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch [1]	1NO+1NC	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	1
Gland box [2]	With one gland plate	3KJ9013-3MC00	14165.-					1
Spare Phase barrier		3KJ9003-3CA00	110.-	3KJ9003-4CA00	400.-			1
	Lower side					3KJ9003-5CA10	400.-	1
	Front side					3KJ9003-5CA20	435.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	810.-					1
	Metallic			3KJ9006-4FM00	2350.-	3KJ9006-5FM00	2525.-	1
Spare Shaft		3KJ9007-4GA00	515.-	3KJ9007-4GA00	515.-	3KJ9007-5GA00	515.-	1
Spare pole [3]		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00		1
Spare Extended link				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR			1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

Notes:
1) Accessory - Auxiliary switch includes 2units. One each for position I and II
2) Accessory - Gland box is to be used with enclosed switches
3) Spare pole: For ratings 2000A, 2500A and 3150A. Use 2units of 1000A, 1250A and 1600A
POR: Price On Request

Std. Pkg. = 1 unit * MRP - Max. Retail Price



SUPERSWITCH

Switch Disconnector Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

www.siemens.co.in/superswitch3k

SIEMENS

Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection

4P

3PN

3P

2P

Switch disconnector fuse: 3KL8 4-pole, for power distribution (in Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	3940.-	3KL8111-4TJ00	4005.-	3KL8111-4TC00	4090.-	1
32A	3KL8121-4TA00	4075.-	3KL8121-4TJ00	4390.-	3KL8121-4TC00	4420.-	1
63A	3KL8151-4TA00	5485.-	3KL8151-4TJ00	5565.-	3KL8151-4TC00	5790.-	1
100A	3KL8171-4TA00	8235.-	–	–	–	–	1
100A	3KL8211-4TA00	11830.-	3KL8211-4TJ00	12900.-	–	–	1
125A	3KL8221-4TA00	14495.-	3KL8221-4TJ00	15360.-	–	–	1
160A	3KL8231-4TA00	16095.-	3KL8231-4TJ00	18665.-	–	–	1
200A	3KL8311-4UA00	23090.-	3KL8311-4UJ00	24240.-	–	–	1
250A	3KL8321-4UA00	26905.-	3KL8321-4UJ00	28730.-	–	–	1
315A	3KL8331-4UA00	32380.-	3KL8331-4UJ00	35450.-	–	–	1
400A	3KL8341-4UA00	35630.-	3KL8341-4UJ00	40955.-	–	–	1
500A	3KL8411-4UA00	57870.-	3KL8411-4UJ00	66010.-	–	–	1
630A	3KL8421-4UA00	59995.-	3KL8421-4UJ00	68395.-	–	–	1
800A$	3KL8431-4UA00	70915.-	3KL8431-4UJ00	74110.-	–	–	1

Switch disconnector fuse: 3KL8 3PN for power distribution and motor protection (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	3500.-	3KL8111-5TJ00	3510.-	3KL8111-5TC00	3525.-	1
32A	3KL8121-5TA00	3555.-	3KL8121-5TJ00	3575.-	3KL8121-5TC00	3605.-	1
63A	3KL8151-5TA00	4770.-	3KL8151-5TJ00	4870.-	3KL8151-5TC00	4915.-	1
100A	3KL8171-5TA00	6830.-	–	–	–	–	1
100A	3KL8211-5TA00	9515.-	3KL8211-5TJ00	9600.-	–	–	1
125A	3KL8221-5TA00	12245.-	3KL8221-5TJ00	12300.-	–	–	1
160A	3KL8231-5TA00	13105.-	3KL8231-5TJ00	13165.-	–	–	1
200A	3KL8311-5UA00	17985.-	3KL8311-5UJ00	18525.-	–	–	1
250A	3KL8321-5UA00	20430.-	3KL8321-5UJ00	20985.-	–	–	1
315A	3KL8331-5UA00	24325.-	3KL8331-5UJ00	24735.-	–	–	1
400A	3KL8341-5UA00	29315.-	3KL8341-5UJ00	29750.-	–	–	1
500A	3KL8411-5UA00	47150.-	3KL8411-5UJ00	48235.-	–	–	1
630A	3KL8421-5UA00	49660.-	3KL8421-5UJ00	52240.-	–	–	1
800A$	3KL8431-5UA00	52955.-	3KL8431-5UJ00	56605.-	–	–	1

Switch disconnector fuse: 3KL8 3-pole, for motor protection (in Open Execution)

Rated current I_e @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	3395.-	1
32A	3KL8121-1TA00	3460.-	1
63A	3KL8151-1TA00	4695.-	1
100A	3KL8211-1TA00	9345.-	1
125A	3KL8221-1TA00	11880.-	1
160A	3KL8231-1TA00	12840.-	1
200A	3KL8311-1UA00	17425.-	1
250A	3KL8321-1UA00	20320.-	1
315A	3KL8331-1UA00	23960.-	1
400A	3KL8341-1UA00	28850.-	1
500A	3KL8411-1UA00	46430.-	1
630A	3KL8421-1UA00	49350.-	1
800A$	3KL8431-1UA00	52625.-	1

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

$ 3KL8431 (800A): 710A with fuse cover

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KL8: Unit MRPs are without fuses
3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers
Please scan the QR code for brochure and Operation manual (OM)
Refer the OM for changes in dimension

Superswitch 3KL8

Switch disconnector fuse: 3KL8 2-pole (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A@	3KL8111-2TA00	3165.-	–	–	3KL8111-2TC00	3225.-	1
32A@	3KL8121-2TA00	3225.-	–	–	3KL8121-2TC00	3365.-	1
63A@	3KL8151-2TA00	4195.-	–	–	3KL8151-2TC00	4235.-	1
100A@	3KL8171-2TA00	6490.-	–	–	–	–	1
100A	3KL8211-2TA00	8935.-	3KL8211-2TJ00	9140.-	–	–	1
125A	3KL8221-2TA00	10355.-	3KL8221-2TJ00	11280.-	–	–	1
160A	3KL8231-2TA00	10770.-	3KL8231-2TJ00	12150.-	–	–	1
200A	3KL8311-2UA00	15650.-	3KL8311-2UJ00	17105.-	–	–	1
250A	3KL8321-2UA00	17045.-	3KL8321-2UJ00	18890.-	–	–	1
315A	3KL8331-2UA00	20740.-	3KL8331-2UJ00	22005.-	–	–	1
400A	3KL8341-2UA00	24710.-	3KL8341-2UJ00	25975.-	–	–	1
500A	3KL8411-2UA00	39020.-	3KL8411-2UJ00	45430.-	–	–	1
630A	3KL8421-2UA00	39910.-	3KL8421-2UJ00	46095.-	–	–	1
800A$	3KL8431-2UA00	51915.-	3KL8431-2UJ00	52085.-	–	–	1

Switch disconnector fuse in SS^ Enclosure (factory fitted)>

Rated current I_e @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	7315.-	3KL8111-4TA10	8430.-	1
	BS	3KL8111-5TJ10	7375.-	3KL8111-4TJ10	8445.-	1
	CYL	3KL8111-5TC10	7420.-	3KL8111-4TC10	8520.-	1
32A	DIN	3KL8121-5TA10	7825.-	3KL8121-4TA10	8695.-	1
	BS	3KL8121-5TJ10	7850.-	3KL8121-4TJ10	8795.-	1
	CYL	3KL8121-5TC10	7885.-	3KL8121-4TC10	8825.-	1
63A	DIN	3KL8151-5TA10	8690.-	3KL8151-4TA10	10255.-	1
	BS	3KL8151-5TJ10	8720.-	3KL8151-4TJ10	10510.-	1
	CYL	3KL8151-5TC10	8790.-	3KL8151-4TC10	10545.-	1
100A	DIN	3KL8211-5TA10	13930.-	3KL8211-4TA10	16515.-	1
	BS	3KL8211-5TJ10	14340.-	3KL8211-4TJ10	16680.-	1
125A	DIN	3KL8221-5TA10	16510.-	3KL8221-4TA10	19885.-	1
	BS	3KL8221-5TJ10	16630.-	3KL8221-4TJ10	20515.-	1
160A	DIN	3KL8231-5TA10	17715.-	3KL8231-4TA10	21865.-	1
	BS	3KL8231-5TJ10	17850.-	3KL8231-4TJ10	22010.-	1
200A	DIN	3KL8311-5UA10	25540.-	3KL8311-4UA10	35695.-	1
	BS	3KL8311-5UJ10	25740.-	3KL8311-4UJ10	36515.-	1
250A	DIN	3KL8321-5UA10	28960.-	3KL8321-4UA10	38010.-	1
	BS	3KL8321-5UJ10	29160.-	3KL8321-4UJ10	38275.-	1
315A	DIN	3KL8331-5UA10	34445.-	3KL8331-4UA10	45240.-	1
	BS	3KL8331-5UJ10	34635.-	3KL8331-4UJ10	45465.-	1
400A	DIN	3KL8341-5UA10	39730.-	3KL8341-4UA10	50725.-	1
	BS	3KL8341-5UJ10	40240.-	3KL8341-4UJ10	50940.-	1
500A	DIN	3KL8411-5UA10	59170.-	3KL8411-4UA10	74605.-	1
	BS	3KL8411-5UJ10	59345.-	3KL8411-4UJ10	75410.-	1
630A	DIN	3KL8421-5UA10	62290.-	3KL8421-4UA10	79225.-	1
	BS	3KL8421-5UJ10	62470.-	3KL8421-4UJ10	79460.-	1
800A$	DIN	3KL8431-5UA10	66870.-	3KL8431-4UA10	85055.-	1
	BS	3KL8431-5UJ10	67045.-	3KL8431-4UJ10	85275.-	1

SS ^ Enclosure for 3LK8/ 3KA8

Rated current I_e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	5370.-	1
200A-400A	3KX8345-4AC	7145.-	1
500A-800A	3KX8435-4AC 1)	11715.-	1
200A-800A	3KX8435-4AG # 2)	20115.-	1

^ SS stands for Sheet Steel

Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

^ SS stands for Sheet Steel

> 3KL8 in SS Enclosure:Includes 3KL8 SDF without fuses,SS Enclosure, front drive (Handle) and phase barriers

$ 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates. Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8

Switch Disconnector: 3KA8 for power distribution (in Open Execution)

Rated current I_e @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00@	3550.-	3KA8151-5TE00	4280.-	3KA8151-4TE00	6090.-	1
100A	–	–	3KA8171-5TE00	6660.-	3KA8171-4TE00	12250.-	1
100A	3KA8211-2TE00	6215.-	3KA8211-5TE00	8470.-	3KA8211-4TE00	14165.-	1
125A	3KA8221-2TE00	7800.-	3KA8221-5TE00	9725.-	3KA8221-4TE00	15215.-	1
160A	3KA8231-2TE00	10395.-	3KA8231-5TE00	12655.-	3KA8231-4TE00	19170.-	1
200A	3KA8311-2UE00	13220.-	3KA8311-5UE00	16340.-	3KA8311-4UE00	22245.-	1
250A	3KA8321-2UE00	14465.-	3KA8321-5UE00	17255.-	3KA8321-4UE00	27325.-	1
400A	3KA8341-2UE00	20065.-	3KA8341-5UE00	25515.-	3KA8341-4UE00	37245.-	1
630A$	3KA842□-2UE00	32185.-	3KA842□-5UE00	40500.-	3KA842□-4UE00	53315.-	1
800A$	3KA843□-2UE00	33585.-	3KA843□-5UE00	41795.-	3KA843□-4UE00	61180.-	1
1000A$	3KA844□-2UE00	44940.-	3KA844□-5UE00	60035.-	3KA844□-4UE00	75390.-	1
1250A$	3KA845□-2UE00	59090.-	3KA845□-5UE00	77880.-	3KA845□-4UE00	90630.-	1
1600A$	3KA846□-2UE00	68150.-	3KA846□-5UE00	86195.-	3KA846□-4UE00	122065.-	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing
$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KA8: Unit MRPs are inclusive of Front drive (Handle)
Please scan the QR code for Catalog and Operating instruction sheets (OIS)
Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse cover [2]	2P	DIN	3KX8150-0AE [5]	350.-	3KX8230-0JF	855.-	3KX8340-0AF	1255.-	3KX8430-0JF	1775.-	1
		BS			3KX8230-0HF	855.-			3KX8430-0HF	1775.-	1
	3P	DIN			3KX8230-0JE	855.-	3KX8340-0AE	1255.-	3KX8430-0JE	1775.-	1
		BS			3KX8230-0HE	855.-			3KX8430-0HE	1775.-	1
	4P	DIN	3KX8150-0AG [5]	595.-	3KX8230-0JG	855.-	3KX8340-0AG	1255.-	3KX8430-0JG	1775.-	1
		BS			3KX8230-0HG	855.-			3KX8430-0HG	1775.-	1
Terminal cover (1set = 2pieces)	2P	–	3KX8151-0AE	175.-	3KX8231-0AF	725.-	3KX8341-0AF	1370.-	3KX8431-0AF	1605.-	1
	3P	–			3KX8231-0AE	725.-	3KX8341-0AE	1370.-	3KX8431-0AE	1605.-	1
	4P	–	3KX8151-0AG	630.-	3KX8231-0AG	725.-	3KX8341-0AG	1370.-	3KX8431-0AG	1605.-	1
Phase barrier	–	DIN/ BS/ Cylindrical	3KX8153-0AE	70.-	3KX8153-0AE (DIN)	70.-	3KX8343-0AE	220.-	3KX8433-0AE	330.-	1
					3KX8233-0JE (BS)	70.-					1
Fuse cover phase barrier kit [3]			–	–	–	–	3KX8340-9AE	700.-	3KX8440-9AE	700.-	1
Auxiliary switch (1NO+1NC)			3SB5400-0A^#	265.-	3KX3522-1YC	1055.-	3KX3552-1YC	1270.-	3KX3582-1YC	1535.-	1
Auxiliary switch (2NO+2NC)			–	–	3KX3522-1YD	1900.-	3KX3552-1YD	2745.-	3KX3582-1YD	2965.-	1
Auxiliary switch cover			3KX8154-0AC	120.-	3KX8234-0AC	120.-	–	–	–	–	1
Front drive (Handle)			8UC6114-1BB00	1300.-	8UC6214-1BB00	1470.-	8UC6314-1BB00	2220.-	8UC6414-1BB00	3245.-	1
Operating shaft (300mm)			8UC60-31	360.-	8UC60-32	435.-	8UC60-34	845.-	8UC60-34	845.-	1
Castell interlock[1)^]			8UC6070-0YQ..	6795.-	8UC6070-1YQ..	6795.-	8UC6070-2YQ..	6975.-	8UC6070-2YQ..	6975.-	1
Depth setting template			8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	1
Fuse Monitor with auxiliary switch^ (1NO+1NC)			3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	1
			3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	1
Fuse safety barrier			3KX8150-1AC	185.-	3KX8230-1AC	240.-	–	–	–	–	1
Gland box with gland plate (1no.)			3KX8235-4DC	6225.-	3KX8235-4DC	6225.-	3KX8345-4DC	8595.-	3KX8435-4DC	13095.-	1
									3KX8435-4DG [4]	21425.-	1
Gland plate			3KX8235-4GC	1320.-	3KX8235-4GC	1320.-	3KX8345-4GC	1715.-	3KX8435-4GC	1900.-	1
									3KX8435-4GG [4]	1920.-	1

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.

2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

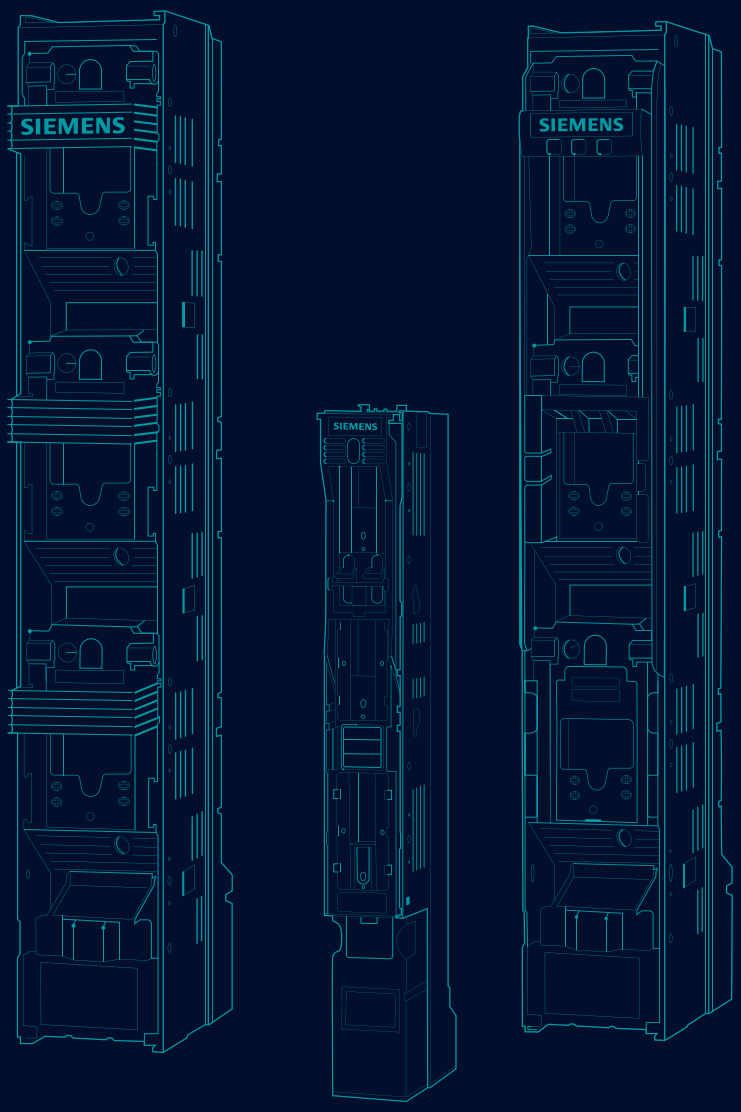
3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG

5) Also,suitable for SDF with cylindrical type HRC fuses

Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00,3KL8...-3.C00

Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price # - Std. pkg. = 10



3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Rated operational current: 160A to 630A
- Operating voltage up to 690 VAC
- 1-pole or 3-pole switchable
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

Applications:

- Feeder Pillar
- Compact Substation
- Control Panels – Automotive Industry
- Smart Pole Applications
- Lighting Distribution Boards (LDB)
- Power Distribution Boards (PDB)

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SMART 7KT

Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Modern aesthetics with soft touch keys
- Large LED (multicolored) display for easy visualization

Description	Type	Unit LP ₹
VAF meter	**7KT0120**	**4035.-**
VA meter	**7KT0110**	**3700.-**
3 phase energy meter	**7KT0210**	**8035.-**

SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Graphical representation of current loading in the LCD display meters
- Modern aesthetics with soft touch keys
- Integrated Modbus RTU communication over RS 485
- Measurement of 30+ electrical parameters

Description	Type	Unit LP ₹
LCD Class 0.5s	**7KT0311**	**21695.-**
LCD Class 1	**7KT0310**	**18125.-**
Multi-line LED Class 1	**7KT0308**	**13495.-**
Single-line LED Class 1	**7KT0307**	**8995.-**

POR: Price On Request

for more info
scan QR code

SMART 7KT Discrete DIN Meters

NEW

Power monitoring devices for DIN mounted systems

- Tested accuracy as per IEC 61557-12 and IEC 62053
- Bright LCD display for ease of reading
- Easy mounting with click fit on DIN rails
- Integrated communication in 2MW makes the meter digitalization ready
- Modern aesthetics increases the visual appeal of the panel
- RoHS compliant

Description	Type	Unit LP ₹
Single Phase Class 1 Energy Meter	**7KT0010**	**5355.-**

SMART 7KT DC Energy Meter

NEW

Power monitoring devices for DC applications

- Bi-direction (charging and discharging) current can be measured by the same device
- Time stamped data logging of events
- Load profile analysis
- Single meter measures energy consumption of four independent loads connected to one Voltage source.
- Configurable relay outputs for limit function, pulse output, alarm, etc.
- RoHS compliant

Description	Type	Unit LP ₹
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC	**7KT0810**	**24480.-**
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC	**7KT0811**	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC	**7KT0820**	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt:12 - 70V DC	**7KT0821**	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 60 - 300V AC/DC	**7KT0830**	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 12 - 70V DC	**7KT0831**	

Accessories (external shunt for DC meter)

Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75MV	**7KT0911**	**865.-**
External Shunt for DC meter/ 100A/60MV	**7KT0922**	**1080.-**
External Shunt for DC meter/ 100A/75MV	**7KT0923**	**1080.-**
External Shunt for DC meter/ 150A/75MV	**7KT0924**	**1340.-**
External Shunt for DC meter/ 200A/60MV	**7KT0925**	**2385.-**

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

for more info
scan QR code

3LD4
Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

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SIEMENS

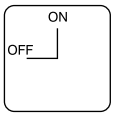
3LD4 Control Switches

The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation

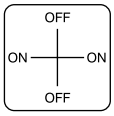
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1AA00-0RC0	1 Pole	215.-	410.-	490.-	515.-	535.-	660.-	840.-	980.-	5130.-	1
3LD4 ___ 2AA00-0RC0	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3AA00-0RC0	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4AA00-0RC0	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

90° Operation with complete rotation

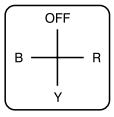


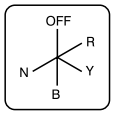
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1BC00-0RC0	1 Pole	210.-	410.-	490.-	515.-	520.-	650.-	835.-	975.-	5130.-	1
3LD4 ___ 2BC00-0RC0	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3BC00-0RC0	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4BC00-0RC0	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD4***001***3AA00-0RC0

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



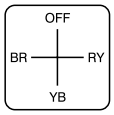


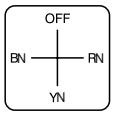
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	450.-	1
	10A	3LD41024DC200RC0	540.-	
	16A	3LD41034DC200RC0	690.-	
	20A	3LD41044DC200RC0	770.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	445.-	
	10A	3LD41024DD200RC0	535.-	
	16A	3LD41034DD200RC0	675.-	
	20A	3LD41044DD200RC0	855.-	

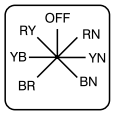
* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)



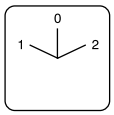




Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	330.-	1
	10A	3LD41024DC300RC0	490.-	
	16A	3LD41034DC300RC0	625.-	
	20A	3LD41044DC300RC0	710.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	585.-	
	10A	3LD41024DC310RC0	660.-	
	16A	3LD41034DC310RC0	845.-	
	20A	3LD41044DC310RC0	935.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	585.-	
	10A	3LD41024DF300RC0	980.-	
	16A	3LD41034DF300RC0	1170.-	
	20A	3LD41044DF300RC0	1270.-	

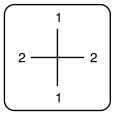
Changeover Switch

With OFF (60°)



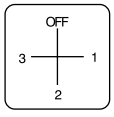
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-0RC0	1P 2W	275.-	505.-	620.-	635.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2BB10-0RC0	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3BB10-0RC0	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4BB10-0RC0	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	

Without OFF (90°)



Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-0RC0	1P 2W	275.-	505.-	620.-	625.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2PC10-0RC0	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3PC10-0RC0	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4PC10-0RC0	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	

Phase Changeover Switch (PCS)



Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-0RC0	1P 3W	330.-	445.-	520.-	620.-	625.-	775.-	1140.-	1275.-	5450.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD4***102***3BB10-0RC0

* LP - List Price

3LD4 Control Switches

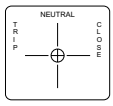
Breaker Control Switch

Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers.

BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.

Product Features

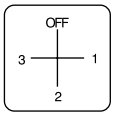
- Pistol grip handle for easy operation
- Spring return operation
- High electrical &mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-0RC0	1825.-	1
	32A	3LD4206-2BB50-0RC0	2155.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-0RC0	2200.-	
	32A	3LD4206-4BB50-0RC0	2565.-	

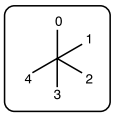
Multistep Switch

Multistep 3 Way with OFF



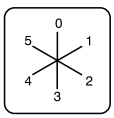
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-0RC0	1P 3W	330.-	555.-	645.-	660.-	700.-	780.-	1115.-	1260.-	6410.-	1
3LD4 ___ 2CC40-0RC0	2P 3W	450.-	650.-	780.-	935.-	1070.-	1145.-	1650.-	1855.-	9980.-	
3LD4 ___ 3CC40-0RC0	3P 3W	650.-	865.-	1325.-	1420.-	1580.-	1720.-	2195.-	2870.-	13050.-	
3LD4 ___ 4CC40-0RC0	4P 3W	835.-	1120.-	1605.-	1760.-	1970.-	2170.-	2945.-	3430.-	16480.-	

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1DD40-0RC0	1P 4W	375.-	495.-	935.-	1015.-	1120.-	1245.-	1410.-	1915.-	5670.-	1
3LD4 ___ 2DD40-0RC0	2P 4W	650.-	940.-	1105.-	1135.-	1180.-	1370.-	1770.-	2235.-	8755.-	
3LD4 ___ 3DD40-0RC0	3P 4W	910.-	1265.-	1755.-	1840.-	1970.-	2260.-	3020.-	3430.-	24120.-	

Multistep 5 Way with OFF

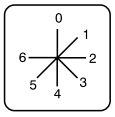


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-0RC0	1P 5W	425.-	795.-	1075.-	1215.-	1400.-	1420.-	1755.-	2050.-	6030.-	1
3LD4 ___ 2EE40-0RC0	2P 5W	765.-	1230.-	1425.-	1650.-	1910.-	2235.-	2305.-	2875.-	8750.-	

* LP - List Price

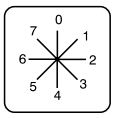
Multistep Switch

Multistep 6 Way with OFF



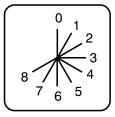
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1FF40-0RC0	1P 6W	550.-	895.-	1035.-	1140.-	1245.-	1455.-	1490.-	2415.-	1
3LD4 ___ 2FF40-0RC0	2P 6W	910.-	1335.-	1500.-	1695.-	1915.-	2320.-	2965.-	3875.-	

Multistep 7 Way with OFF



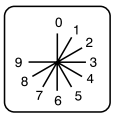
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1GG40-0RC0	1P 7W	555.-	920.-	1135.-	1240.-	1420.-	1485.-	1545.-	2400.-	1

Multistep 8 Way with OFF



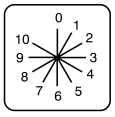
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1HH40-0RC0	1P 8W	630.-	775.-	1115.-	1290.-	1

Multistep 9 Way with OFF



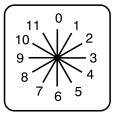
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1JJ40-0RC0	1P 9W	650.-	945.-	1150.-	1370.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1KK40-0RC0	1P 10W	765.-	1005.-	1545.-	2075.-	1

Multistep 11 Way with OFF



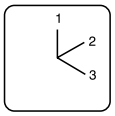
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1LL40-0RC0	1P 11W	910.-	1085.-	1695.-	2235.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD4***001***3DD40-0RC0

* LP - List Price

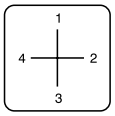
Multistep Switch

Multistep 3 Way without OFF



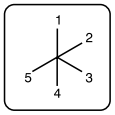
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1QB40-0RC0	1P 3W	310.-	535.-	650.-	660.-	825.-	850.-	1320.-	1485.-	5575.-	1
3LD4 ___ 2QB40-0RC0	2P 3W	450.-	810.-	920.-	1010.-	1080.-	1115.-	1650.-	1950.-	9980.-	
3LD4 ___ 3QB40-0RC0	3P 3W	650.-	1010.-	1370.-	1465.-	1580.-	1720.-	2415.-	2870.-	10720.-	
3LD4 ___ 4QB40-0RC0	4P 3W	835.-	1120.-	1585.-	1800.-	2000.-	2125.-	4690.-	5175.-	11490.-	

Multistep 4 Way without OFF



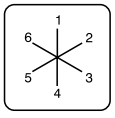
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1RC40-0RC0	1P 4W	355.-	585.-	795.-	855.-	985.-	1035.-	1425.-	1990.-	6795.-	1
3LD4 ___ 2RC40-0RC0	2P 4W	505.-	840.-	935.-	1075.-	1170.-	1275.-	1720.-	2235.-	10490.-	
3LD4 ___ 3RC40-0RC0	3P 4W	690.-	825.-	1485.-	1645.-	1860.-	2065.-	2245.-	3000.-	13830.-	

Multistep 5 Way without OFF



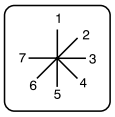
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1SD40-0RC0	1P 5W	425.-	615.-	850.-	975.-	1115.-	1370.-	1755.-	2240.-	6000.-	1
3LD4 ___ 2SD40-0RC0	2P 5W	765.-	1035.-	1170.-	1500.-	1760.-	1895.-	2430.-	3080.-	8625.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1TE40-0RC0	1P 6W	445.-	550.-	1070.-	1140.-	1245.-	1420.-	1655.-	2100.-	9980.-	1
3LD4 ___ 2TE40-0RC0	2P 6W	865.-	1050.-	1435.-	1800.-	2205.-	2265.-	2305.-	2940.-	19915.-	

Multistep 7 Way without OFF

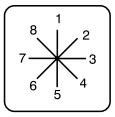


Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1UF40-0RC0	1P 7W	550.-	700.-	810.-	1120.-	1475.-	1480.-	1770.-	2630.-	1

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF

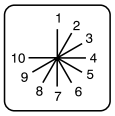


Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1VG40-0RC0	1P 8W	555.-	1095.-	1210.-	1290.-	1

Multistep 9 Way without OFF

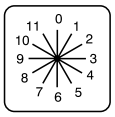
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1WH40-0RC0	1P 9W	650.-	1135.-	1920.-	2385.-	1

Multistep 10 Way without OFF



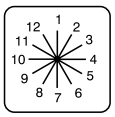
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1XJ40-0RC0	1P 10W	700.-	1155.-	2125.-	2870.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1YK40-0RC0	1P 11W	725.-	1180.-	2290.-	3025.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1ZL40-0RC0	1P 12W	795.-	1210.-	2385.-	3060.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-***001***1RC40-0RC0

* LP - List Price

Geared to act FAST!

Siemens range of fuses

Fuses are the fastest & simplest current limiting devices, suitable for protection of lines, systems, devices in both distribution & control circuits.

Available in varied design - with a wide current range, multiple voltage ratings and high short circuit strength. Our fuses are perfectly equipped to minimize the effect of over currents, thus allowing you to protect property as well as lives.

Siemens Fuses offer:

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HRC fuses (DIN) 3NA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- CE marked
- Highly compact: upto 100A in size 000

Upto 800A, 500V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	540.-	1/6
	4	3NA78040RC	540.-	1/6
	6	3NA78010RC	540.-	1/6
	10	3NA78030RC	540.-	1/6
	16	3NA78050RC	545.-	1/6
	20	3NA78070RC	545.-	1/6
	25	3NA78100RC	545.-	1/6
	32	3NA78120RC	545.-	1/6
	40	3NA78170RC	570.-	1/6
	50	3NA78200RC	570.-	1/6
	63	3NA78220RC	635.-	1/6
	80	3NA78240RC	700.-	1/6
	100	3NA78300RC	700.-	1/6
00	125	3NA78320RC	835.-	1/6
	160	3NA78360RC	885.-	1/6
1	50	3NA71200RC	1210.-	1/3
	63	3NA71220RC	1210.-	1/3
	80	3NA71240RC	1210.-	1/3
	100	3NA71300RC	1210.-	1/3
	125	3NA71320RC	1265.-	1/3
	160	3NA71360RC	1300.-	1/3
	200	3NA71400RC	1300.-	1/3
	224	3NA71420RC	1355.-	1/3
	250	3NA71440RC	1465.-	1/3
2	200	3NA72400RC	1795.-	1/3
	250	3NA72440RC	1870.-	1/3
	315	3NA72520RC	1935.-	1/3
	400*	3NA72600RC	1935.-	1/3
3	315	3NA33520RC	2755.-	1/3
	400	3NA33600RC	2755.-	1/3
	500	3NA33650RC	3075.-	1/3
	630	3NA33720RC	3150.-	1/3
	800*	3NA33754RC	3835.-	1/3

* 400A (Size II) and 800A are rated at 415V AC

■ **Stock items**

* LP - List Price

@ MRP - Max. Retail Price

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	615.-	1
1	250	■ 3NG1250	925.-	1
2	400	■ 3NG1300	1505.-	1
3	630	■ 3NG1400	1560.-	1

Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-0RC (Screw-in)	745.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	800.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	1495.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	2115.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	3050.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	3610.-	1/5

Fuse puller

Description	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	3655.-	1
Suitable only for fuse links and isolating links	3NX1010	1525.-	1

LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	835.-	1/10
00/000	3NX3116	520.-	1/10

Note: Prices on request for Touch protection of contact pieces of all sizes

HRC fuses (BS) 3NW

- 2A-800A
- Rated at 415V AC/240V DC
- Breaking capacity 80kA (AC)

Blade tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWNS2	150.-	20
4	■ 3NWNS4	150.-	20
6	■ 3NWNS6	150.-	20
10	■ 3NWNS10	150.-	20
16	■ 3NWNS16	150.-	20
20	■ 3NWNS20	180.-	20
25	■ 3NWNS25	180.-	20
32	3NWNS32	180.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	215.-	20
4	3NWTIA4	215.-	20
6	3NWTIA6	215.-	20
10	■ 3NWTIA10	240.-	20
16	■ 3NWTIA16	240.-	20
20	■ 3NWTIA20	240.-	20
25	■ 3NWTIA25	240.-	20
32	■ 3NWTIA32	240.-	20
40	3NWTIS40	330.-	20
50	■ 3NWTIS50	330.-	20
63	■ 3NWTIS63	330.-	20
80	3NWTCP80	850.-	10
100	■ 3NWTCP100	850.-	10
125	3NWTFP125	1725.-	5
160	3NWTFP160	1725.-	5
200	3NWTFP200	1725.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTC80	915.-	10
100	3NWTC100	915.-	10
125	3NWTF125	1885.-	5
160	3NWTF160	1885.-	5
200	3NWTF200	1885.-	5
250	3NWTKF250	2605.-	1
315	3NWTKF315	2605.-	1
355	3NWTMF355	3035.-	1
400	3NWTMF400	3035.-	1
500	3NWTTM500	4770.-	1
630	3NWTTM630	5810.-	1
710	3NWTLM710	6640.-	1
800	3NWTLM800	6640.-	1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* MRP - Maximum Retail Price

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	180.-	20
10	3NWTSA10	180.-	20
16	3NWTSA16	180.-	20
20	3NWTSA20	180.-	20
25	3NWTSA25	180.-	20
32	3NWTSA32	180.-	20
36	3NWTSS36	355.-	20
40	3NWTSS40	355.-	20
50	3NWTSS50	355.-	20
63	3NWTSS63	355.-	20
80	3NWTSDS80	670.-	20
100	3NWTSDS100	670.-	20
125	3NWTSFP125	845.-	5
160	3NWTSFP160	920.-	5
200	3NWTSFP200	845.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	815.-	10
100	3NWTSDC100	815.-	10
125	3NWTSF125	850.-	5
160	3NWTSF160	850.-	5
200	3NWTSF200	850.-	5
250	3NWTSK250	2040.-	1
315	3NWTSK315	2040.-	1
355	3NWTSMS355	3405.-	1
400	3NWTSMS400	3405.-	1
450	3NWTSTS450	2825.-	1
500	3NWTSTS500	2825.-	1
560	3NWTSLS560	5395.-	1
630	3NWTSLS630	4575.-	1
800	3NWTSLS800	6605.-	1

Fuse holders (for fuses type 3NW TIA, TSA, TIS, TSS, TSDS)

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWCM32F9	3275.-	10
63	3NWCM63F9	3845.-	10
100	3NWCM100F9	4240.-	10

Fuse holders (for fuses Type 3NW NS) & Isolating link

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	345.-	10
32	■ 3NW32NNSF	435.-	10
32A (Iso. Link)	■ 3NW32NNSL	190.-	10

Please order in multiples of standard packing.

SINOVA THE POWER OF **SIMPLICITY**

3MT7, 3MH7 & 3MU7
Contactors & Overload relays

Adaptable
Our contactors and overload relays are designed to easily fit into various panel designs, catering to your control and protection requirements

Trustworthy
Our contactors and overload relays ensure reliable motor protection

Assurance
Our contactors and overload relays are compliant with IEC 60947-4-1 and IEC 60947-5-1 standards, RoHS compliant, CE certified, and type-tested

Consistent Design
Our contactors and overload relays are uniform in design aesthetic and compatible with accessories across the product ranges

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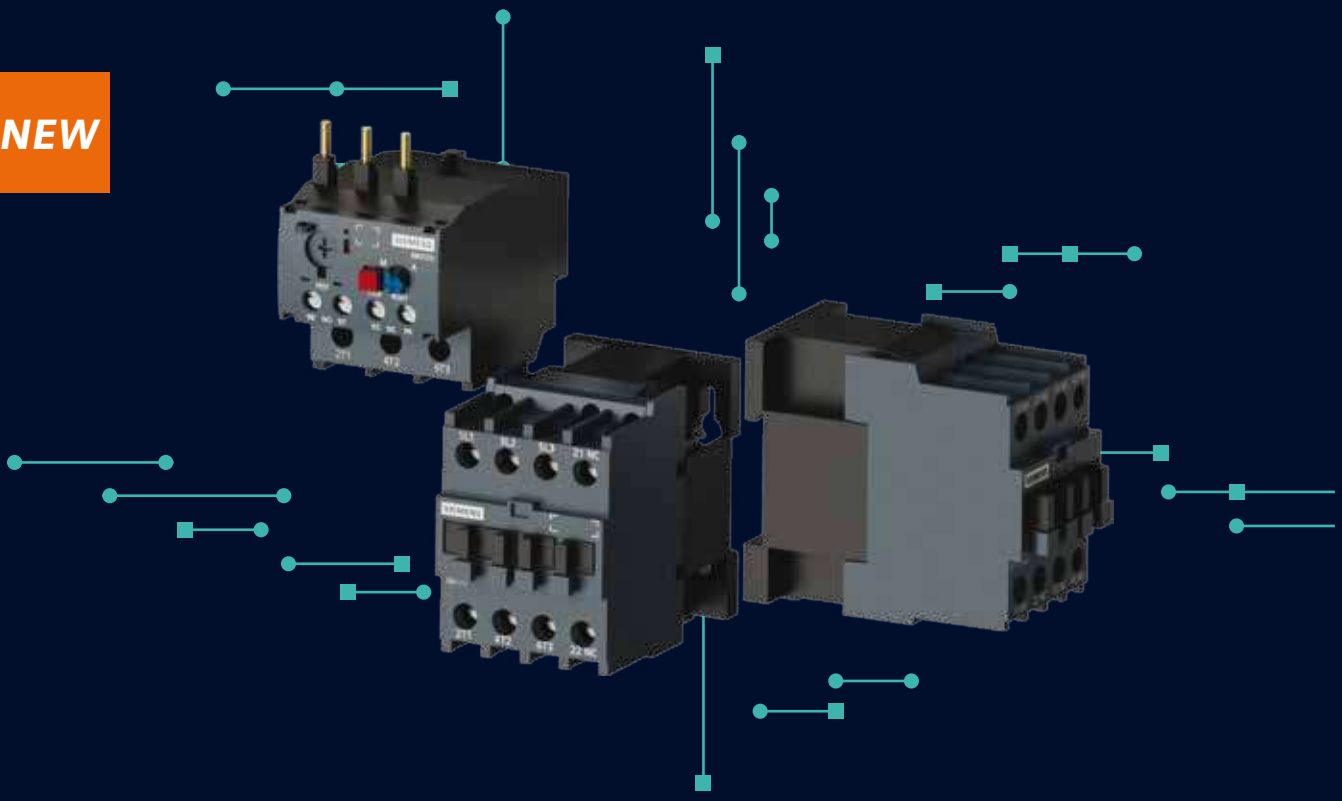

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Power Contactors

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type$	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	■ 3MT7006-0AA10-0A..	1475.-	1
			1 NC	■ 3MT7006-0AA01-0A..	1475.-	1
	9	4	1 NO	■ 3MT7010-0AA10-0A..	1525.-	1
			1 NC	■ 3MT7010-0AA01-0A..	1525.-	1
	12	5.5	1 NO	■ 3MT7012-0AA10-0A..	1680.-	1
			1 NC	■ 3MT7012-0AA01-0A..	1680.-	1
1	18	7.5	1 NO	■ 3MT7018-1AA10-0A..	1875.-	1
			1 NC	■ 3MT7018-1AA01-0A..	1875.-	1
	22	11	1 NO	■ 3MT7022-1AA10-0A..	2295.-	1
			1 NC	■ 3MT7022-1AA01-0A..	2295.-	1
2	25	11	1 NO	■ 3MT7025-2AA10-0A..	2685.-	1
			1 NC	■ 3MT7025-2AA01-0A..	2685.-	1
	32	15	1 NO	■ 3MT7032-2AA10-0A..	5585.-	1
			1 NC	■ 3MT7032-2AA01-0A..	5585.-	1
	38	18.5	1 NO	■ 3MT7038-2AA10-0A..	7680.-	1
			1 NC	■ 3MT7038-2AA01-0A..	7680.-	1
	40	18.5	1 NO	■ 3MT7040-2AA10-0A..	7985.-	1
			1 NC	■ 3MT7040-2AA01-0A..	7985.-	1
3	40	18.5	1NO + 1NC	■ 3MT7040-3AA11-0A..	8880.-	1
	50	22	1NO + 1NC	■ 3MT7050-3AA11-0A..	11235.-	1
	65	30	1NO + 1NC	■ 3MT7065-3AA11-0A..	14650.-	1
4	80	37	1NO + 1NC	■ 3MT7080-4AA11-0A..	22585.-	1
	95	45	1NO + 1NC	■ 3MT7095-4AA11-0A..	23165.-	1
5	120	160	–	■ 3MT7120-5AA00-0A..**	27055.-	1
	140	160	–	■ 3MT7140-5AA00-0A..**	34875.-	1
6	170	210	–	■ 3MT7170-6AA00-0A..**	47005.-	1
	205	220	–	■ 3MT7205-6AA00-0A..**	53490.-	1
7	250	300	–	■ 3MT7250-7AA00-0A..**	64290.-	1
	300	300	–	■ 3MT7300-7AA00-0A..**	77565.-	1
8	400	400	–	■ 3MT7400-8AA00-0A..**	96840.-	1

Auxiliary Contactors

Operational current AC-15 at 230V	Auxiliary contacts		Type$	Unit LP ₹	Std. pkg. (nos.)
	NO	NC			
6	4	–	■ 3MH7040-1A..0	1580.-	1
6	3	1	■ 3MH7031-1A..0		1
6	2	2	■ 3MH7022-1A..0		1

$ Please enter coil codes from table below

** Please select the required Contact Blocks from table in page 39

Coil code (AC)

Frequency	Coil Codes			
	24V	110V	230V	415V
50/60Hz	C2	■ F2	■ L2	R2#

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz

Please contact nearest sales office for other coil voltages

Accessories: 3MT7 and 3MH7 Contactors

Auxiliary Contact Blocks

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

For Contactor	Auxiliary Contact	Type	Unit LP ₹	Std. pkg. (nos.)
for snapping onto the front				
3MT7006 - 3MT7095 & 3MH7	1 NO	**3MH7910-0CT10**	**270.-**	**1**
	1 NC	**3MH7901-0CT10**	**270.-**	**1**
	2 NO	**3MH7920-0CT10**	**485.-**	**1**
	1 NO + 1 NC	**3MH7911-0CT10**	**485.-**	**1**
	2 NC	**3MH7902-0CT10**	**485.-**	**1**
	4 NO	**3MH7940-0CT10**	**880.-**	**1**
	3 NO + 1 NC	**3MH7931-0CT10**	**880.-**	**1**
	2 NO + 2 NC	**3MH7922-0CT10**	**880.-**	**1**
	1 NO + 3 NC	**3MH7913-0CT10**	**880.-**	**1**
	4 NC	**3MH7904-0CT10**	**880.-**	**1**
First Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7006 - 3MT7095	2 NO	**3MH7920-0CL10**	**1025.-**	**1**
	1NO + 1NC	**3MH7911-0CL10**	**1025.-**	**1**
3MT7120 - 3MT7400	1NO + 1NC	**3MH79110CL21**	**1240.-**	**1**
Second Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7120 - 3MT7400	1NO + 1NC	**3MH79110CL22**	**1240.-**	**1**

Pneumatic timer

For Contactor	Function	Timing Seconds	Type	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7095	ON delay (Auxiliary Contact: 1NO+1NC)	0.1-3	**3MT7900-0PN10**	**3835.-**	**1**
		0.1-30	**3MT7900-0PN20**	**3835.-**	**1**
		10-180	**3MT7900-0PN30**	**3835.-**	**1**
	OFF delay	0.1-3	**3MT7900-0PF10**	**4055.-**	**1**
		0.1-30	**3MT7900-0PF20**	**4055.-**	**1**
		10-180	**3MT7900-0PF30**	**4055.-**	**1**

Surge Suppressor

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

Rated Control supply Voltage (Us) AC	Type	Unit LP ₹	Std. pkg. (nos.)
Surge suppressor (RC unit) for 3MT7006 - 3MT7095 & 3MH7			
24-48V	**3MT7900-1SC21**	**770.-**	**1**
110-240V	**3MT7900-1SL21**	**770.-**	**1**
380-440V	**3MT7900-1SV21**	**990.-**	**1**
Surge suppressor (Varistor) for 3MT7120 - 3MT7400			
Less than 48V	**3MT7900-2SC22**	**1065.-**	**10**
48 - 127V	**3MT7900-2SF22**	**1065.-**	**10**
127 - 240V	**3MT7900-2SL22**	**1065.-**	**10**
240 - 400V	**3MT7900-2SV02**	**1125.-**	**10**
400 - 600V	**3MT7900-2SR02**	**1125.-**	**10**

Interlock

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Interlock			
3MT7006 - 3MT7040 (Size 0,1,2)	**3MT7900-1XM01**	**860.-**	**1**
3MT7040 - 3MT7065 (Size 3)	**3MT7900-1XM02**	**1920.-**	**1**
3MT7080 - 3MT7095 (Size 4)	**3MT7900-1XM03**	**2595.-**	**1**
3MT7120 - 3MT7140 (Size 5)	**3MT7900-1XM04**	**5545.-**	**1**
3MT7170 - 3MT205 (Size 6)	**3MT7900-1XM05**	**6345.-**	**1**
3MT7250 - 3MT7300 (Size 7)	**3MT7900-1XM06**	**7635.-**	**1**
3MT7400 (Size 8)	**3MT7900-1XM07**	**8160.-**	**1**
3MT7120 - 3MT7205 (Size 5 / Size 6)	**3MT7900-1XM45**	**6345.-**	**1**
3MT7170 - 3MT300 (Size 6 / Size 7)	**3MT7900-1XM56**	**7635.-**	**1**
Electro-mechanical Interlock			
3MT7006 - 3MT7040 (Size 0, 1, 2)	**3MT7900-1XE01**	**940.-**	**1**
3MT7040 - 3MT7065 (Size 3)	**3MT7900-1XE02**	**2025.-**	**1**
3MT7080 - 3MT7095 (Size 4)	**3MT7900-1XE03**	**2755.-**	**1**

Spares: 3MT7 Contactors

Spare top housing

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	3MT7906-0HA10	1490.-	1
			1 NC	3MT7906-0HA01	1490.-	1
	9	4	1 NO	3MT7910-0HA10	1545.-	1
			1 NC	3MT7910-0HA01	1545.-	1
	12	5.5	1 NO	3MT7912-0HA10	1655.-	1
			1 NC	3MT7912-0HA01	1655.-	1
1	18	7.5	1 NO	3MT7918-1HA10	1765.-	1
			1 NC	3MT7918-1HA01	1765.-	1
	22	11	1 NO	3MT7922-1HA10	1885.-	1
			1 NC	3MT7922-1HA01	1885.-	1
2	25	11	1 NO	3MT7925-2HA10	2155.-	1
			1 NC	3MT7925-2HA01	2155.-	1
	32	15	1 NO	3MT7932-2HA10	4190.-	1
			1 NC	3MT7932-2HA01	4190.-	1
	38	18.5	1 NO	3MT7938-2HA10	6065.-	1
			1 NC	3MT7938-2HA01	6065.-	1
	40	18.5	1 NO	3MT7940-2HA10	6615.-	1
			1 NC	3MT7940-2HA01	6615.-	1
3	40	18.5	1NO + 1NC	3MT7940-3HA11	7165.-	1
	50	22	1NO + 1NC	3MT7950-3HA11	7885.-	1
	65	30	1NO + 1NC	3MT7965-3HA11	8670.-	1
4	80	37	1NO + 1NC	3MT7980-4HA11	12350.-	1
	95	45	1NO + 1NC	3MT7995-4HA11	14445.-	1

Spare contact kit

Main contact kits for Size 5, 6, 7, 8 contactors (Set of 6 fixed & 3 moving contacts)

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
5	120	160	–	3MT7912-0KA00	14655.-	1
	140	160	–	3MT7914-0KA00	18435.-	1
6	170	210	–	3MT7917-0KA00	23170.-	1
	205	220	–	3MT7920-5KA00	24715.-	1
7	250	300	–	3MT7925-0KA00	29730.-	1
	300	300	–	3MT7930-0KA00	34955.-	1
8	400	400	–	3MT7940-0KA00	46255.-	1

Spare Coil

For Contactor (AC3 Rating)	Type$	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7022	3MT79000L..1	970.-	1
3MT7025 - 3MT7040	3MT79000L..2	1680.-	1
3MT7040 - 3MT7095	3MT79000L..3	2705.-	1
3MT7120 - 3MT7140	3MT79000L..5	4200.-	1
3MT7170 - 3MT7205	3MT79000L..6	5325.-	1
3MT7250 - 3MT7300	3MT79000L..7	6435.-	1
3MT7400	3MT79000L..8	9350.-	1

Coil code (AC)

$ Please enter coil codes from table below

Frequency	Coil Codes			
	24V	110V	230V	415V
50/60Hz	C2	■ F2	■ L2	R2#

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz

Please contact nearest sales office for other coil voltages

3MU7 – Thermal overload relays

For contactor mounting - Class 10 - Screw Terminals

Size	For Contactor	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)
1	3MT7006 - 3MT7040 Size 0, 1, 2	0.10 - 0.16	■ 3MU7110-0AA0	2505.-	1
		0.16 - 0.25	■ 3MU7110-0BA0		1
		0.25 - 0.40	■ 3MU7110-0CA0		1
		0.40 - 0.63	■ 3MU7110-0DA0		1
		0.63 - 1	■ 3MU7110-0EA0		1
		1 - 1.6	■ 3MU7110-0FA0		1
		1.25 - 2	■ 3MU7110-0GA0		1
		1.6 - 2.5	■ 3MU7110-0HA0		1
		2.5 - 4	■ 3MU7110-0JA0		1
		4 - 6	■ 3MU7110-0KA0		1
		5.5 - 8	■ 3MU7110-0LA0		1
		7 - 10	■ 3MU7110-0MA0	2565.-	1
		9 - 13	■ 3MU7110-0NA0		1
	3MT7018 - 3MT7040 Size 1, 2	12 - 18	■ 3MU7110-0PA0	2600.-	1
		17 - 25	■ 3MU7110-0QA0	2880.-	1
2	3MT7025 - 3MT7040 Size 2	23 - 32	■ 3MU7210-1AA0	4405.-	1
		28 - 36	■ 3MU7210-1BA0	4535.-	1
3	3MT7040 - 3MT7095 Size 3, 4	23 - 32	■ 3MU7310-2AA0		1
		30 - 40	■ 3MU7310-2BA0	4745.-	1
		37 - 50	■ 3MU7310-2CA0	5805.-	1
		48 - 65	■ 3MU7310-2DA0	7630.-	1
	3MT7080 - 3MT7095 Size 4	55 - 70	■ 3MU7310-2EA0		1
		63 - 80	■ 3MU7310-2FA0		1
		80 - 93	■ 3MU7310-2GA0		1

For independent mounting - Class 10 A - Screw Terminals

Size	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)
4	85 - 135A	■ 3MU7410-3AA1	10915.-	1
	115 - 180A	■ 3MU7410-3BA1	13760.-	1
	160 - 250A	■ 3MU7410-3CA1	16670.-	1
	200 - 320A	■ 3MU7410-3DA1	16840.-	1
	250 - 400A	■ 3MU7410-3EA1	18830.-	1
5	312 - 500A	■ 3MU7510-4AA1	21810.-	1

Accessories		Size	Type	Unit LP ₹	Std. pkg. (nos.)
Relay stand-alone installation kit		Size 1	■ 3MU7900-0MA10	645.-	1
		Size 2	■ 3MU7900-0MA20	820.-	1
		Size 3	■ 3MU7900-0MA30	1710.-	1
Relay setting dial sealing cover		Size 1, 2, 3	■ 3MU7900-0CA00	245.-	1

Note: Accessories shown are only applicable to 3MU71, 3MU72 and 3MU73.

SINOVA 3MT7

Capacitor Duty Contactors

Reliable Switching

www.siemens.co.in

SIEMENS

3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.

Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

@ Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

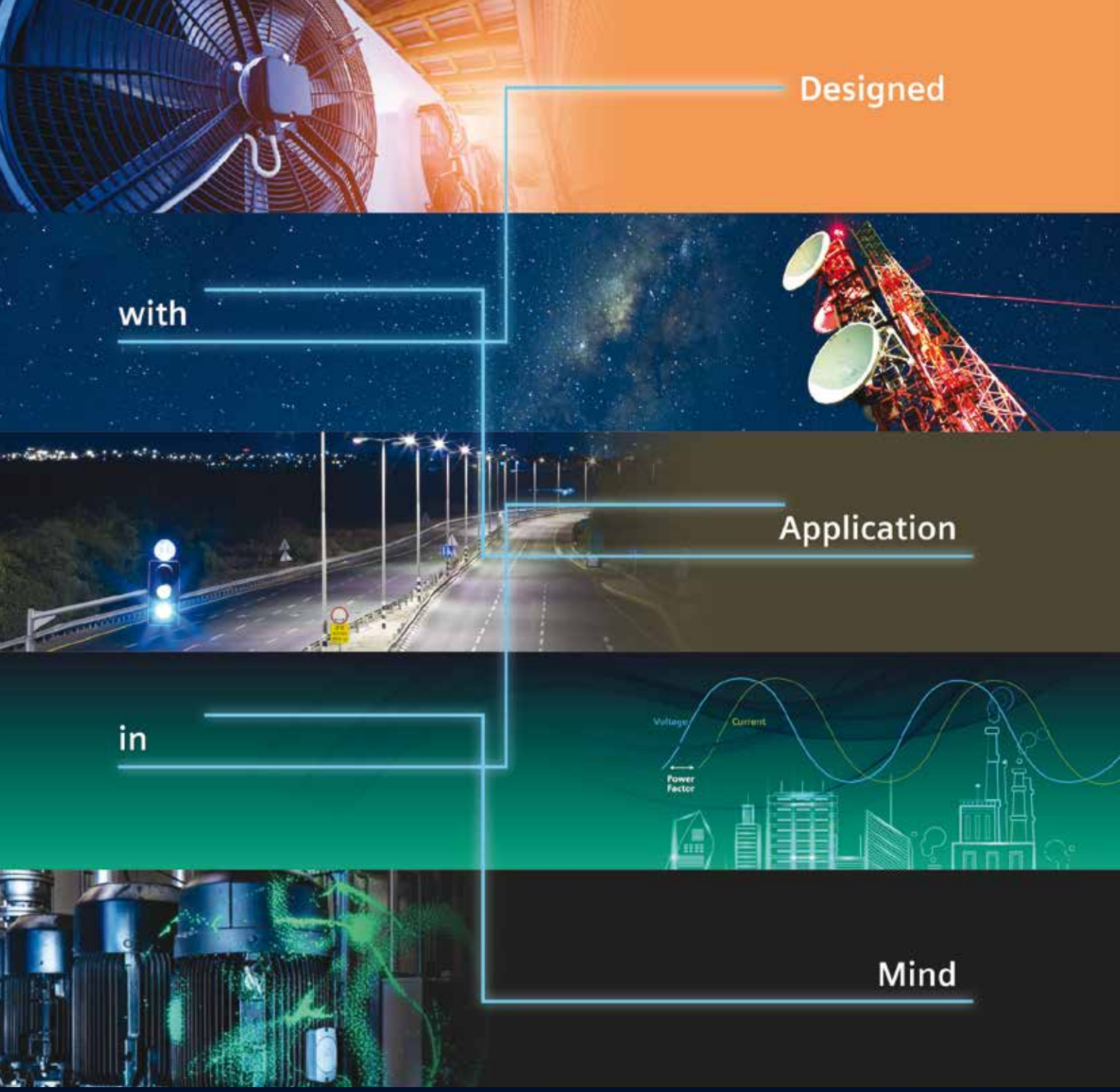
Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10



Explore 3TS range of Contactors

SIEMENS

Power Contactors

3TS Contactor

Rating Ie (AC-3) 415 V, 50 hz	Built-in aux contacts	Coil voltage AC, 50 hz	Type	Unit LP ₹	Std. pkg. (nos.)
9 A	1 NO	110 V	3TS30 10-0AF0-08K	1580.-	1
	1 NO	230 V	3TS30 10-0AP0-08K		1
	1 NO	415 V	3TS30 10-0AR0-08K		1
	1 NC	110 V	3TS30 01-0AF0-08K		1
	1 NC	230 V	3TS30 01-0AP0-08K		1
	1 NC	415 V	3TS30 01-0AR0-08K		1
12 A	1 NO	110 V	3TS31 10-0AF0-08K	1745.-	1
	1 NO	230 V	3TS31 10-0AP0-08K		1
	1 NO	415 V	3TS31 10-0AR0-08K		1
	1 NC	110 V	3TS31 01-0AF0-08K		1
	1 NC	230 V	3TS31 01-0AP0-08K		1
	1 NC	415 V	3TS31 01-0AR0-08K		1
18 A	1 NO	110 V	3TS32 10-0AF0-08K	1950.-	1
	1 NO	230 V	3TS32 10-0AP0-08K		1
	1 NO	415 V	3TS32 10-0AR0-08K		1
	1 NC	110 V	3TS32 01-0AF0-08K		1
	1 NC	230 V	3TS32 01-0AP0-08K		1
	1 NC	415 V	3TS32 01-0AR0-08K		1
25 A	–	110 V	3TS33 00-0AF0-08K	2505.-	1
	–	230 V	3TS33 00-0AP0-08K		1
	–	415 V	3TS33 00-0AR0-08K		1
32 A	–	110 V	3TS34 00-0AF0-08K	5520.-	1
	–	230 V	3TS34 00-0AP0-08K		1
	–	415 V	3TS34 00-0AR0-08K		1
40 A	–	110 V	3TS35 00-0AF0-08K	8010.-	1
	–	230 V	3TS35 00-0AP0-08K		1
	–	415 V	3TS35 00-0AR0-08K		1
50 A	–	110 V	3TS36 00-0AF0-08K	11105.-	1
	–	230 V	3TS36 00-0AP0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
65 A	2NO+2NC	110 V	3TS47 22-0AF0-08K	15765.-	1
	2NO+2NC	230 V	3TS47 22-0AP0-08K		1
	2NO+2NC	415 V	3TS47 22-0AR0-08K		1
75 A	2NO+2NC	110 V	3TS48 22-0AF0-08K	20520.-	1
	2NO+2NC	230 V	3TS48 22-0AP0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
85 A	2NO+2NC	110 V	3TS49 22-0AF0-08K	24010.-	1
	2NO+2NC	230 V	3TS49 22-0AP0-08K		1
	2NO+2NC	415 V	3TS49 22-0AR0-08K		1
105 A	2NO+2NC	110 V	3TS50 22-0AF0-08K	29000.-	1
	2NO+2NC	230 V	3TS50 22-0AP0-08K		1
	2NO+2NC	415 V	3TS50 22-0AR0-08K		1

Spares and Accessories

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std.pkg. (nos.)
3TS30 to 36	1NO	■ 3TX4 010-2A	280.-	10
	1NC	■ 3TX4 001-2A	280.-	10
	1NO (Extd)	■ 3TX4 010-4A	430.-	10
	1NC (Extd)	■ 3TX4 001-4A	430.-	10
3TS47 to 50	Second 1NO+1NC Left	■ 3TY7 561-1KA00 8K	1275.-	1
	Second 1NO+1NC Right			

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS33	Spare main contact kits	3TS91 33-00 8K	1165.-	1
3TS34		3TS91 34-00 8K	1610.-	1
3TS35		3TS91 35-00 8K	3085.-	1
3TS36		3TS91 36-00 8K	4240.-	1
3TS47		3TS91 47-00 8K	4540.-	1
3TS48		3TS91 48-00 8K	6630.-	1
3TS49		3TS91 49-00 8K	8880.-	1
3TS50		3TS91 50-00 8K	11875.-	1

For higher ratings please get in touch with your sales office

Coil voltage AC	Coil voltage DC	Type	Unit LP ₹	Std. pkg. (nos.)
Surge suppressor (varistor) for 3TS30-36				
24 - 48 V	24 - 70 V	■ 3TX7 402-3GY1	795.-	10
48 - 127V	70 - 150V	■ 3TX7 402-3HY1	795.-	10
127 - 240V	150 - 250V	■ 3TX7 402-3JY1	795.-	10
240 - 400V	—	3TX7 402-3KY1	1020.-	10
400 - 600V	—	3TX7 402-3LY1	1020.-	10
Surge suppressor (varistor) for 3TS47-50				
Less than 48V	24 - 70V	■ 3TX7 462-3GY1	1090.-	10
48 - 127V	70 - 150V	■ 3TX7 462-3HY1	1090.-	10
127 - 240V	150 - 250V	■ 3TX7 462-3JY1	1090.-	10
240 - 400V	—	3TX7 462-3KY1	1155.-	10
400 - 600V	—	3TX7 462-3LY1	1155.-	10
Surge suppressor (RC unit) for 3TS30-36				
24 - 48 V	24 - 70 V	3TX7 402-3RY2	1270.-	10
48 - 127V	70 - 150V	3TX7 402-3SY2		10
127 - 240V	150 - 250V	3TX7 402-3TY2		10
240 - 400V	—	3TX7 402-3UY2		10
400 - 600V	—	3TX7 402-3VY2		10

Interlocking kit for two 3TS contactors (inclusive of base plate and interlocking mechanism)

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TS30 - 3TS36	■ 3TX4 091-1A#	880.-	10
3TS47 - 3TS48	■ 3TX7 466-1YA0	3115.-	2
3TS49 - 3TS50	■ 3TX7 486-1YA0	5075.-	2

W/o base plate (not required)

AC coils (50 Hz) spare coils

For contactor	Type†	Unit LP ₹ For 110/230/415V 50Hz	Std.pkg. (nos.)
3TS30 - 3TS34	■ 3TY7 403-0A..	1085.-	1
3TS35 - 3TS36	■ 3TY7 443-0A..	1340.-	1
3TS47 - 3TS48	■ 3TY7 463-0A..	2325.-	1
3TS49 - 3TS50	■ 3TY7 483-0A..	4245.-	1

AC 50Hz coil code: 3TS30 to 3TS50

Coil voltage (V)	■ 110	■ 230	■ 415
Code	F0	P0	R0

Spare arc chamber

Contactor rating	Description	Type	Unit LP ₹	Std.pkg. (nos.)
3TS47	Spare arc chamber	3TS93 47-00 8K	1670.-	1
3TS48		3TS93 48-00 8K	2040.-	1
3TS49		3TS93 49-00 8K	2945.-	1
3TS50		3TS93 50-00 8K	3430.-	1

Thermal overload relay

Relay group	Recommended contactor	Current range	Type	Unit LP ₹	Std.pkg. (nos.)
3US50 00	3TS30 3TS31 3TS32	0.8 - 1.25	3US50 00-0K8K	2600.-	1
		1.0 - 1.6	3US50 00-1A8K	2600.-	1
		1.6 - 2.5	3US50 00-1C8K	2600.-	1
		2.5 - 4.0	3US50 00-1E8K	2600.-	1
		4.0 - 6.3	3US50 00-1G8K	2615.-	1
		6.3 - 10	3US50 00-1J8K	2665.-	1
		8 - 12.5	3US50 00-1K8K	2665.-	1
		10 - 16	3US50 00-2S8K	2695.-	1
		12.5 - 18	3US50 00-2B8K	2695.-	1
3US52 00	3TS33 3TS34	12.5 - 20	3US52 00-2B8K	2995.-	1
		16 - 25	3US52 00-2C8K	2995.-	1
3US55 00		25 - 32	3US55 00-2D8K	4575.-	1
3US56 00	3TS35 3TS36	20 - 32	3US56 00-2D8K	4710.-	1
		25 - 36	3US56 00-2Q8K	4710.-	1
		32 - 40	3US56 00-2R8K	4925.-	1
		36 - 45	3US56 00-8M8K	4925.-	1
3US58 00	3TS47 3TS48 3TS49 3TS50	40 - 57	3US58 00-2T8K	6335.-	1
		50 - 63	3US58 00-2P8K	7920.-	1
		57 - 70	3US58 00-2V8K	7920.-	1
		63 - 80	3US58 00-2U8K	7920.-	1
		70 - 95	3US58 00-8Y8K	7920.-	1
		85 - 105	3US58 00-5C8K	8410.-	1

Individual mounting accessory

For relay type	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	Accessory for individual mounting	3US91 50-008K	670.-	1
3US52 00		3US91 52-008K	700.-	1
3US55 00		3US91 55-008K	840.-	1
3US56 00		3US91 56-008K	840.-	1
3US58 00		3US91 58-008K	885.-	1

Accessories for birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Resetting plunger funnel	3US5	3UX10 11 3UX10 13	305.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3US5	 3UX10 15 3UX10 16	420.-	 5 5
Protection cover	3US5	3UX11 10 1YA 3UX11 11 1YA	355.-	10 10

For higher ratings please get in touch with your sales office

■ **Stock items**

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	12775.-	1
4	145	3TS5022-0A..1-8K	22255.-	1
6	200	3TS5122-0A..1-8K	29970.-	1
6	225	3TS5222-0A..1-8K	34765.-	1
8	275	3TS5322-0A..1-8K	49395.-	1
8	325	3TS5422-0A..1-8K	55840.-	1
10	400	3TS5522-0A..1-8K	63175.-	1
12	525	3TS5622-0A..1-8K	86485.-	1

*** for 3TS48-3TF56**

	AC Coil (50Hz)	
Code	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors

Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability (ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting

Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type#	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	1130.-	1
12	1NO	3TS3110-0A..2-8K	1255.-	1
18	1NO	3TS3210-0A..2-8K	1455.-	1
25	-	3TS3300-0A..2-8K	1805.-	1
32	-	3TS3400-0A..2-8K	3970.-	1
40	-	3TS3500-0A..2-8K	5670.-	1
50	-	3TS3600-0A..2-8K	7210.-	1
65	2NO+2NC	3TS4722-0A..2-8K	10835.-	1
75	2NO+2NC	3TS4822-0A..2-8K	12775.-	1
85	2NO+2NC	3TS4922-0A..2-8K	14875.-	1
105	2NO+2NC	3TS5022-0A..2-8K	19585.-	1
140	2NO+2NC	3TS5122-0A..2-8K	23805.-	1
160	2NO+2NC	3TS5222-0A..2-8K	32375.-	1
205	2NO+2NC	3TS5322-0A..2-8K	35670.-	1
250	2NO+2NC	3TS5422-0A..2-8K	40955.-	1
300	2NO+2NC	3TS5522-0A..2-8K	51680.-	1
400	2NO+2NC	3TS5622-0A..2-8K	66840.-	1

#Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	6180.-	1
3TS50		3TS9150-01-8K	11025.-	1
3TS51		3TS9151-01-8K	14995.-	1
3TS52		3TS9152-01-8K	16770.-	1
3TS53		3TS9153-01-8K	23805.-	1
3TS54		3TS9154-01-8K	26460.-	1
3TS55		3TS9155-01-8K	29105.-	1
3TS56		3TS9156-01-8K	38815.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	2325.-
3TS50	3TY7483-0A..	4245.-
3TS51/52	3TY7503-0A..	4320.-
3TS53/54	3TY7523-0A..	5475.-
3TS55	3TY7543-0A..	6620.-
3TS56	3TY7563-0A..	9620.-

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3TS 4 Pole Contactors
for Power Applications

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Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil[1)]	Unit LP ₹		DC Coil[1)]	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	1815.-		3TS3100-0B..4-8K	3585.-	
Size 0	25A	3TS3200-0A..4-8K	1915.-		3TS3200-0B..4-8K	4065.-	
Size 1	35A	3TS3300-0A..4-8K	2155.-		3TS3300-0B..4-8K	4635.-	
Size 1	40A	3TS3400-0A..4-8K	2840.-		3TS3400-0B..4-8K	6855.-	
Size 2	45A	3TS3500-0A..4-8K	3325.-	4080.-	3TS3500-0B..4-8K		7890.-
Size 2	50A	3TS3600-0A..4-8K	3690.-	4480.-	3TS3600-0B..4-8K		10005.-
Size 2	65A	3TS3700-0A..4-8K	7245.-	8055.-	3TS3700-0B..4-8K		14075.-
Size 2	65A*	3TS3700-0A..4-8KA0	8180.-	8980.-	3TS3700-0B..4-8KA0		16140.-

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size 0 & 1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52..55V DC

Size 2	Standard Coil			Electronic Coil			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52..55V DC

Accessories

Auxiliary Contact Block	Type	Unit LP ₹
1 NO	**3TX40 10-2A**	**280.-**
1 NC	**3TX40 01-2A**	**280.-**

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	**3TX4091-1A**	**880.-**
S2	**3TX4091-1A + 3TX4091-1G****	**880.-** **230.-**

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0 , Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	**3TX7402-3GY1**	**795.-**	**3TX7402-3RY2**	**1270.-**
		48 - 127V	70 - 150V	**3TX7402-3HY1**	**795.-**	**3TX7402-3SY2**	
		127 - 240V	150 - 250V	**3TX7402-3JY1**	**795.-**	**3TX7402-3TY2**	
		240 - 400V	–	**3TX7402-3KY1**	**1020.-**	**3TX7402-3UY2**	
Size 2	Electronic Coil	81-273V AC				**3TX7402-3PY2**	
			24-55V			**3TX7402-3QY2**	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	**3TS9133-0E**	**1475.-**
Size 1	40A	3TS3400	**3TS9134-0E**	**2085.-**
Size 2	45A	3TS3500	**3TS9135-0E**	**3170.-**
Size 2	50A	3TS3600	**3TS9136-0E**	**3735.-**
Size 2	65A	3TS3700	**3TS9137-0E**	**3740.-**
Size 2	65A*	3TS3700	**3TS9137-0A**	**5415.-**

* 50A AC-3 rating

Spare Coils

Contactor Size	Type[2)] AC	Unit LP ₹	Type[2)] DC	Unit LP ₹
Size 0	**3TS9231-0A..4-8K**	**1125.-**	**3TS9231-0B..4-8K**	**1540.-**
Size 1	**3TS9233-0A..4-8K**	**1210.-**	**3TS9233-0B..4-8K**	**1610.-**
Size 2	**3TS9235-0A..4-8K (Standard)**	**1340.-**		
Size 2	**3TS9235-0A..4-8K (Electronic)**	**1945.-**	**3TS9235-0B..4-8K (Electronic)**	**2305.-**

2) Please add voltage code from table in page no 48

3TS Single Pole LED Contactors

Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

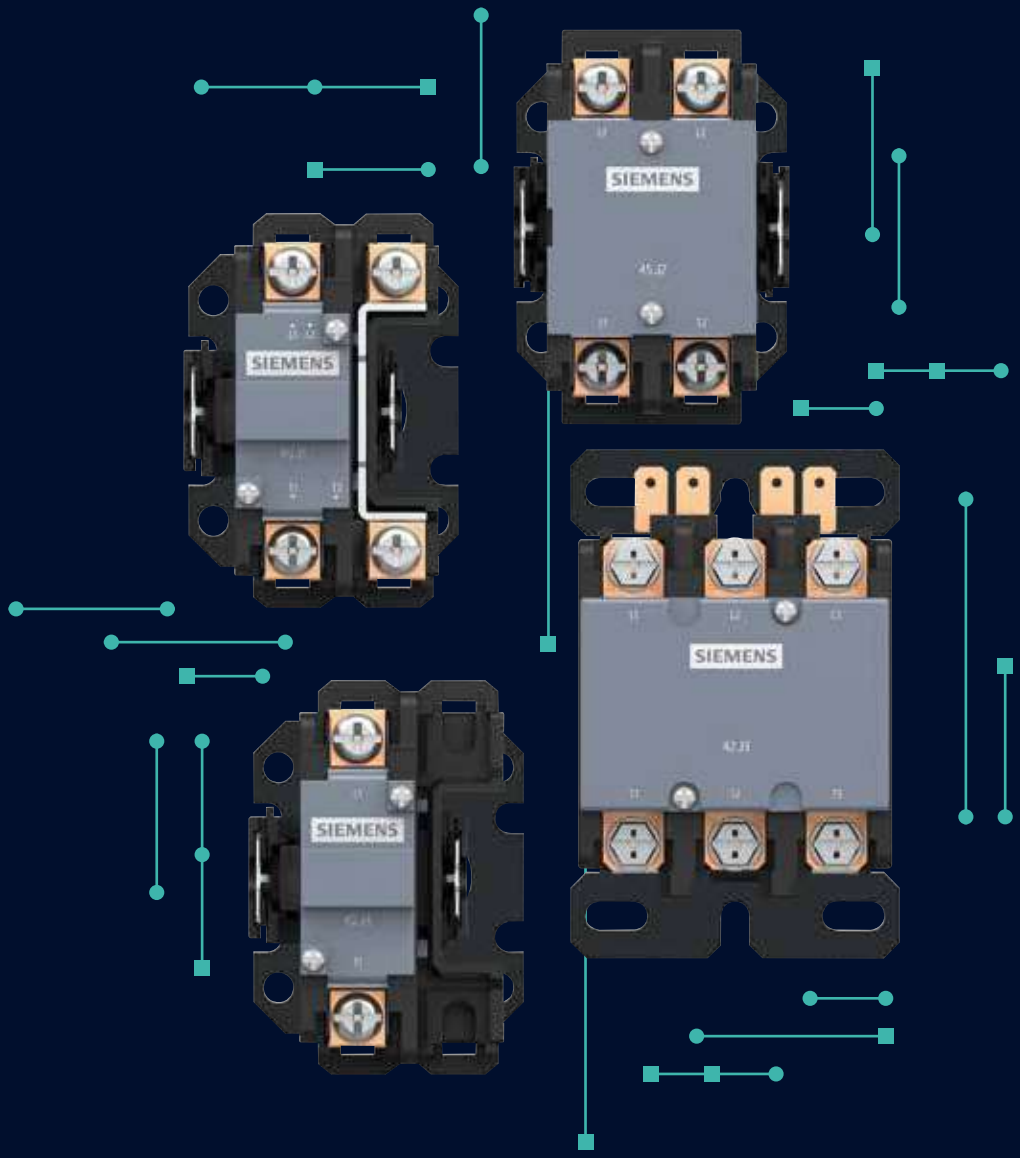
Available in

4000W - 3TS3210-0AM71-8K

8000W - 3TS3310-0AM71-8K

Price on request

Definite Purpose Contactors
45.J & 42.J



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Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	1235.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1275.-	1
	40A	45EJ10A_B	45EJ10A_C	1320.-	1
1Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1170.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1205.-	1
	40A	45EJ40A_B	45EJ40A_C	1250.-	1

Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	1480.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1495.-	1
	40A ■	45EJ20A_D	45EJ20A_E	1540.-	1

Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	1905.-	1
	25A	42CJ35A_D	42CJ35A_E	1935.-	1
	30A	42DJ35A_D	42DJ35A_E	1955.-	1
	40A ■	42EJ35A_D	42EJ35A_E	1995.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	2360.-	1
	25A	42CJ36A_D	42CJ36A_E	2385.-	1
	30A	42DJ36A_D	42DJ36A_E	2400.-	1
	40A ■	42EJ36A_D	42EJ36A_E	2450.-	1

Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	360.-	1
2 Pole contactor	75J29A_	435.-	1
3 Pole contactor	75J39A_	490.-	1

Please add coil code from table below

Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P

■ **Standard material**

Continuing the Legacy...

3VS Motor Protection Circuit Breakers

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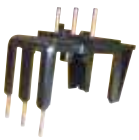
MPCBs for motor protection

Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	4905.-	3VS1300-1MB00	5880.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00	5940.-	1
0.4 - 0.6	3VS1300-0ME00	5710.-	3VS1300-1ME00	6690.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00	6945.-	1
1 - 1.6	3VS1300-0MG00	5755.-	3VS1300-1MG00	7015.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	6020.-	3VS1300-1NH00	7075.-	1
2.4 - 4	3VS1300-0MJ00		3VS1300-1MJ00		1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00		3VS1300-1MK00		1
5 - 8	3VS1300-0NK00		3VS1300-1NK00	7145.-	1
6 - 10	3VS1300-0ML00	6080.-	3VS1300-1ML00		1
8 - 13	3VS1300-0NL00	6985.-	3VS1300-1NL00	7845.-	1
10 - 16	3VS1300-0MM00	7315.-	3VS1300-1MM00	8210.-	1
14 - 20	3VS1300-0MN00	7455.-	3VS1300-1MN00	8365.-	1
18 - 25	3VS1300-0MP00	8315.-	3VS1300-1MP00	8925.-	1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ **3VU9131-3AA00**	**1430.-**	**1**
Short-circuit signal-ing switch	1 NO + 1 NC	■ **3VU9131-7AA00**	**1650.-**	**1**
Undervoltage release	230 V, 50 Hz	**3VU9132-0AB15**	**3915.-**	**1**
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	**3VU9132-0AB55** **3VU9132-0AB50** **3VU9132-0AB73**	**3875.-** **3915.-** **3915.-**	**1** **1** **1**
Toggle padlocking device	Locking in Off pos	**3VU9168-0KA00**	**1055.-**	**1**



3TS-3VS Connector

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13	0.16 to 20A	**3TS30 / 31 / 32**	9 / 12 A	**3TS9001-8K**	**465.-**	**1**
3VS13	6 to 25A	**3TS33 / 34**	16 / 22A	**3TS9002-8K**	**555.-**	**1**

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Three-phase busbar for 3VS13 only	In feed terminal (63 A)	**3VU9135-1BB01**	**1960.-**	**1**
	busbars for 2 MPCBs	**3VU9135-1AB02**	**1570.-**	**1**
	busbars for 3 MPCBs	**3VU9135-1AB03**	**1895.-**	**1**
	busbars for 4 MPCBs	**3VU9135-1AB04**	**2435.-**	**1**
	busbars for 5 MPCBs	**3VU9135-1AB05**	**2740.-**	**1**
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ **3VU9133-Z@** ■ **3VU9163-Z@**	**2875.-** **3180.-**	**1** **1**
Front drive for 3VS	Fixed coupler	■ **8UC616#**	**1265.-**	**1**

@ 1 set available with breaker operator kit and 8UC front drive together

MRP

■ **Stock items**

Please order in multiples of standard packing.

Timing and Monitoring Relays

Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset

for more info scan QR code

Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)

7UG0 monitoring relays

Description			Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered	3Ph-3W	7UG0712-1AA20	1825.-	1
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	4275.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	3920.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	3115.-	1
Current Monitoring relay	230 V AC	1Ph-2W	7UG0822-1AD20	4825.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	6160.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	5865.-	1
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	6500.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	6570.-	1
CBCT for ELR		35mm	7UG09-96	2365.-	1
		70mm	7UG09-97	2705.-	1
		120mm	7UG09-99	4605.-	1
		210mm	7UG0 994*	8855.-	1
		310mm	7UG0 995*	13200.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	6720.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	2320.-	1
	Core Balance CT 160 frame, 4P		7UG09911	2645.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	2800.-	1
	Core Balance CT 250 frame, 4P		7UG09913	3300.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	4125.-	1
	Core Balance CT 630 frame, 4P		7UG09915	4470.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	25735.-	1
	12 Stage with LCD display		7UG0572-1GT20	27570.-	1
	12 stage with LED display		7UG0572-1GT21	15765.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output		7UG0 480-1IU20	4930.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	2550.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	765.-	1
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	2970.-	1

7PV0 timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	1805.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	3540.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	2365.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in TI - GREY NEW

Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation

Relay		Standard Features	Control supply voltage* (V)		Type	Unit LP ₹	Std. pkg. (nos.)
1CO							
	6A 5 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0AC00	400.-	10
				48	7RQ0100-0AD00	530.-	10
				110	7RQ0100-0AE00	720.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	505.-	10
				48	7RQ0100-0AN10	720.-	10
				110	7RQ0100-0AP10	750.-	10
				230	7RQ0100-0AR10	770.-	10
2CO							
	6A 8 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0BC00	550.-	10
				48	7RQ0100-0BD00	660.-	10
				110	7RQ0100-0BE00	710.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	640.-	10
				48	7RQ0100-0BN10	710.-	10
				110	7RQ0100-0BP10	725.-	10
				230	7RQ0100-0BR10	740.-	10
2CO							
	10A 8 pin	• LED indicator	DC	24	7RQ0110-0BC00	710.-	10
				48	7RQ0110-0BD00	870.-	10
				110	7RQ0110-0BE00	940.-	10
		• LED indicator	AC	24	7RQ0110-0BM00	850.-	10
				48	7RQ0110-0BN00	955.-	10
				110	7RQ0110-0BP00	940.-	10
				230	7RQ0110-0BR00	975.-	10
3CO							
	10A 11 pin	• LED indicator	DC	24	7RQ0100-0CC00	910.-	10
				48	7RQ0100-0CD00	955.-	10
				110	7RQ0100-0CE00	1110.-	10
		• LED indicator	AC	24	7RQ0100-0CM00	965.-	10
				48	7RQ0100-0CN00	1020.-	10
				110	7RQ0100-0CP00	1090.-	10
				230	7RQ0100-0CR00	1110.-	10
4CO							
	5A 14 pin	• LED indicator	DC	24	7RQ0100-0DC00	835.-	10
				48	7RQ0100-0DD00	875.-	10
				110	7RQ0100-0DE00	990.-	10
		• LED indicator	AC	24	7RQ0100-0DM00	870.-	10
				48	7RQ0100-0DN00	885.-	10
				110	7RQ0100-0DP00	965.-	10
				230	7RQ0100-0DR00	975.-	10

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
10A	PCB mounted	7RQ0202-1AX00	135.-	10
	Din rail mounting	7RQ0201-1AX00	240.-	10
2CO				
6A	PCB mounted	7RQ0202-1BX00	135.-	10
	Din rail mounting	7RQ0201-1BX00	315.-	10
2CO				
10A	PCB mounted	7RQ0212-1BX00	165.-	10
	Din rail mounting	7RQ0211-1BX00	405.-	10
3CO				
10A	Din rail mounting	7RQ0201-1CX00	550.-	10
4CO				
7A	PCB mounted	7RQ0202-1DX00	220.-	10
	Din rail mounting	7RQ0201-1DX00	385.-	10

*** Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V**

Indicating Lamps 3SB5

Compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5285-6HC01	400.-	10
		Green	■ 3SB5285-6HE01		10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	1005.-	10
		White	3SB5285-6HG01	400.-	10
		Yellow	3SB5285-6HD01		10
		Clear	3SB5285-6HH01		10
	30V DC @	Red	3SB5285-6HC13	445.-	10
		Green	3SB5285-6HE13		10
		Amber	3SB5285-6HL13		10
		Blue	3SB5285-6HF13	1150.-	10
		White	3SB5285-6HG13	445.-	10
		Yellow	3SB5285-6HD13		10
		Clear	3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	400.-	10
		Green	■ 3SB5285-6HE02		10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	1005.-	10
		White	3SB5285-6HG02	400.-	10
		Yellow	3SB5285-6HD02		10
		Clear	3SB5285-6HH02		10
	110 V DC@	Red	■ 3SB5285-6HC04	445.-	10
		Green	■ 3SB5285-6HE04		10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1150.-	10
		White	3SB5285-6HG04	445.-	10
		Yellow	3SB5285-6HD04		10
		Clear	3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	400.-	10
		Green	■ 3SB5285-6HE03		10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	1005.-	10
		White	3SB5285-6HG03	400.-	10
		Yellow	3SB5285-6HD03		10
		Clear	3SB5285-6HH03		10
	220 V DC@	Red	■ 3SB5285-6HC05	445.-	10
		Green	■ 3SB5285-6HE05		10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1150.-	10
		White	3SB5285-6HG05	445.-	10
		Yellow	3SB5285-6HD05		10
		Clear	3SB5285-6HH05		10

Now also available in 415V - Prices on request

Wide band compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 to 240 V AC & 24 to 220 V DC NEW	Red	■ 3SB5235-6HC14	670.-	10
		Green	■ 3SB5235-6HE14		10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1140.-	10
		White	3SB5235-6HG14	670.-	10
		Yellow	3SB5235-6HD14	880.-	10
		Clear	3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	130.-	10
	Green	■ 3SB5201-6BE00		10
	Amber	■ 3SB5201-6BL00		10
	Blue	■ 3SB5201-6BF00		10
	White	3SB5201-6BG00		10
	Yellow	3SB5201-6BD00		10
	Clear	3SB5201-6BH00		10

Illumination Module $ - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5400-7CC	340.-	10
		Green	■ 3SB5400-7CE	340.-	10
		Amber	■ 3SB5400-7CL	340.-	10
		Blue	■ 3SB5400-7CF	1080.-	10
		White†	3SB5400-7CG	340.-	10
		Yellow	3SB5400-7CD	340.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	340.-	10
		Green	■ 3SB5400-7EE	340.-	10
		Amber	■ 3SB5400-7EL	340.-	10
		Blue	■ 3SB5400-7EF	1080.-	10
		White†	3SB5400-7EG	340.-	10
		Yellow	3SB5400-7ED	340.-	10
	110 V DC@	Red	■ 3SB5400-7DC	340.-	10
		Green	■ 3SB5400-7DE	340.-	10
		Amber	■ 3SB5400-7DL	340.-	10
		Blue	■ 3SB5400-7DF	1080.-	10
		White†	3SB5400-7DG	340.-	10
		Yellow	3SB5400-7DD	340.-	10
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	340.-	10
		Green	■ 3SB5400-7TE	340.-	10
		Amber	■ 3SB5400-7TL	340.-	10
		Blue	■ 3SB5400-7TF	1080.-	10
		White†	3SB5400-7TG	340.-	10
		Yellow	3SB5400-7TD	340.-	10
	220 V DC@	Red	■ 3SB5400-7HC	340.-	10
		Green	■ 3SB5400-7HE	340.-	10
		Amber	■ 3SB5400-7HL	340.-	10
		Blue	■ 3SB5400-7HF	1080.-	10
		White†	3SB5400-7HG	340.-	10
		Yellow	3SB5400-7HD	340.-	10

@ Use of bridge rectified DC source (filtered O/P) recommended
† Can be used with clear lens.
$ Illumination module can be used with lens assembly, illuminated push buttons & illuminated selector actuators.

■ **Stock items**

Push buttons

Modular Push button actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
Opaque actuator (with holder for contact block)					
	Normal	Red	■ 3SB5000-0AC01	120.-	10
		Green	■ 3SB5000-0AE01		
		Blue	■ 3SB5000-0AF01		
		White	■ 3SB5000-0AG01		
		Yellow	■ 3SB5000-0AD01		
		Black	■ 3SB5000-0AB01		
	Raised	Red	■ 3SB5000-0LC01	130.-	10
		Green	■ 3SB5000-0LE01		
		Blue	3SB5000-0LF01		
		White	3SB5000-0LG01		
		Yellow	3SB5000-0LD01		
		Black	3SB5000-0LB01		
Illuminated actuator (with holder for contact block)					
	Normal	Red	■ 3SB5001-0AC01-0PQ0	150.-	10
		Green	■ 3SB5001-0AE01-0PQ0		
		Amber	3SB5001-0AL01-0PQ0		
		Blue	3SB5001-0AF01-0PQ0		
		White	3SB5001-0AG01-0PQ0		
		Yellow	3SB5001-0AD01-0PQ0		
		Clear	3SB5001-0AH01-0PQ0		
	Raised	Red	■ 3SB5218-0LC01-0PQ0	160.-	10
		Green	■ 3SB5218-0LE01-0PQ0		
		Amber	3SB5218-0LL01-0PQ0		
		Blue	3SB5218-0LF01-0PQ0		
		White	3SB5218-0LG01-0PQ0		
		Yellow	3SB5218-0LD01-0PQ0		
		Clear	3SB5218-0LH01-0PQ0		

Modular Selector Actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2AB01	400.-	10
		Red	■ 3SB5000-2AC01		
	Momentary	Black	3SB5000-2BB01		
		Red	3SB5000-2BC01		
3 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2DB01	410.-	10
		Red	■ 3SB5000-2DC01		
	Momentary	Black	■ 3SB5000-2EB01		
		Red	■ 3SB5000-2EC01		
2 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2AC01	395.-	10
		Green	■ 3SB5001-2AE01		
		Blue	3SB5001-2AF01		
		Yellow	3SB5001-2AD01		
		Clear	3SB5001-2AH01		
	Momentary	Red	■ 3SB5001-2BC01		
		Green	■ 3SB5001-2BE01		
		Blue	3SB5001-2BF01		
		Yellow	3SB5001-2BD01		
		Clear	3SB5001-2BH01		
3 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2DC01	415.-	10
		Green	■ 3SB5001-2DE01		
		Blue	3SB5001-2DF01		
		Yellow	3SB5001-2DD01		
		Clear	3SB5001-2DH01		
	Momentary	Red	■ 3SB5001-2EC01		
		Green	■ 3SB5001-2EE01		
		Blue	3SB5001-2EF01		
		Yellow	3SB5001-2ED01		
		Clear	3SB5001-2EH01		

Contact Blocks for Push button, Selector & Key Actuators

Description	Configuration	Type	Unit LP ₹	Std Pkg (nos.)
Contact blocks for rear mounting (for panel mounting)				
	1 NO	■ 3SB5400-0B	140.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A	265.-	10
	2 NO	■ 3SB5400-0E		10
	2 NC	■ 3SB5400-0F		10

Mushroom Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) (with holder for contact block)				
momentary	Black	3SB5000-1NB01	245.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	280.-	10

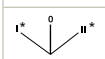
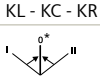
Mushroom Actuators (with plastic front ring) for Emergency Stop Specifications

NEW Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Enhanced Safety and Monitoring with MMCB				
Mushroom Actuator, E-Stop (40mm) with MMCB (1NC)	Red	3SB5204-0UC01	480.-	10
MMCB (Mounting Monitoring Contact Block,1NC)		3SB5400-0M	225.-	10

MMCB should be assembled only on middle slot "5-6" of the holder

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) **push to trip, turn to release with 1NC**	Red	■ 3SB5203-0UC01	460.-	10
Mushroom actuator (40 mm ø) **push to trip, turn to release**	Red	3SB5000-0UC01	330.-	10
Mushroom actuator (40 mm ø) **push to trip, key to release**	Red	3SB5000-0TC01	1750.-	10

Modular key actuators (with plastic front ring)

Description			Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)	Maintained	L - KR	■ 3SB5000-4AC01	655.-	10
		KL - R	3SB5000-4AA01		10
		KL - KR	3SB5000-4AB01		10
	Momentary	KL < R	■ 3SB5000-4TA01		10
		L > KR	3SB5000-4TC01		10
3 position key actuator (with holder for contact block)	Maintained	L - KC - R	■ 3SB5000-4HA01	685.-	10
		 KL - C - KR	3SB5000-4HC01		10
		KL - KC - KR	3SB5000-4HB01		10
	Momentary	 L > KC < R	■ 3SB5000-4JA01		10

* Key removable position
L - Left, R - Right, C - Centre, KL - Key at Left, KR - Key at Right, KC - Key at Centre

Twin Push Button Actuators

Description	Type	Unit LP ₹	Std Pkg (nos.)
	Complete actuator with holder for contact block		
	Opaque with 1NO & 1NC	3SB5201-7EC01	500.-	10
	Illuminated with 1NO & 1NC	3SB5234-7EC01	525.-	10
	Modular actuator with holder for contact block			
	Opaque	3SB5000-7EC01	240.-	10
	Illuminated	3SB5001-7EC01	250.-	10

■ **Stock items**

Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
Metal enclosure: Aluminum Die Cast				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	1650.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	1775.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	2340.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	2050.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	2595.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5803-8AH3	2905.-	1
Pendant mounting: Aluminum Die Cast				
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-8AC3	2785.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-8AH3	3625.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	945.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	945.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	1030.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	1115.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	1275.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5804-7AG3	1410.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	2040.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, " STOP"	3SB5822-7AC3	2495.-	1
3	Normal opaque push button - Green with 1NO contact block, "FORWARD" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-7AH3	3265.-	1

Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	690.-	1
2 way, Grey	3SB5802-0AC3	585.-	1
3 way, Grey	3SB5803-0AC3	600.-	1
4 way, Grey	3SB5804-0AC3	1315.-	1
6 way, Grey	3SB5806-0AC3	1830.-	1
1 way, Yellow	3SB5801-0AD3	690.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	1395.-	1
2 way	3SB5802-4AC3	1515.-	1
3 way	3SB5803-4AC3	2105.-	1
Contact Block			
Contact block for base mounting, 1NO	■ 3SB54200B	140.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	140.-	10
Inscription Labels (set of 11 labels)			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	270.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	80.-	10

Accessories

Description		Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	■ 3SB5901-2EL	60.-	10
	STOP	■ 3SB5901-2EK		10
	ON	■ 3SB5901-2EB		10
	OFF	■ 3SB5901-2EC		10
	UP	3SB5901-2ED		10
	DOWN	3SB5901-2EE		10
	FORWARD	3SB5901-2EF		10
	SLOW	3SB5901-2ES		10
	FAST	3SB5901-2ER		10
	REVERSE	3SB5901-2EG		10
	BLANK	3SB5901-2AA		10
	TRIP	3SB5901-2EA		10
Thrust cap for Push Buttons (for actuating middle module)		■ 3SB5902-0AA	60.-	10
Thrust pad for Selector Actuators (for actuating middle module)		■ 3SB5912-0AN	60.-	10
Adaptor plate for replacing 30 mm PB by 22 mm		■ 3SB5921-0AE	60.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)		3SB5921-0AB	60.-	10
E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing		3SB5921-0AD	60.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	75.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)		3SB5911-1AA	90.-	10

■ **Stock items**

3SE5 Position Switches

Modular design for all applications

Modular design with many standardized components

- Plug-in design and replacement of the actuator heads
- Exchangeable two and three pole contact blocks
- Turnable actuator heads around the axis in increments of 22.5°, with total 16 positions
- Quick-connect technology
- Optional LED Displays
- Communication Capable (AS-i Safe)

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Position Switches - 3SE5

NEW

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05-8K	765.-	10
		Slow Action		3SE5250-0BC05-8K	730.-	10

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05-8K	1185.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05-8K		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05-8K		10
		Slow action	2NO + 1 NC	3SE5250-0PC05-8K		10

Plastic enclosure: Enclosed type modular unit

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm (IP 65)		Snap Action	1NO + 1NC	3SE5232-0CC05-8K	850.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05-8K	825.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05-8K	1245.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5232-0PC05-8K		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05-8K	915.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05-8K	835.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05-8K	1350.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5242-0PC05-8K		1

Metal enclosure: Enclosed type modular unit IP 66/ IP 67

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5212-0CC05-8K	1360.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05-8K	1230.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05-8K	1455.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05-8K	1545.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00-8K	1465.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00-8K	1305.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00-8K	1580.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00-8K	1660.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00-8K	1640.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00-8K	1495.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00-8K	2090.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00-8K	2265.-	1
		Slow Action	2NO + 1NC	3SE5122-0PA00-8K		1

Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03-8K	310.-	5
Roller lever		3SE5000-0AE10-8K	160.-	5
Angular Roller lever		3SE5000-0AF10-8K	195.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	165.-	5
Twist Lever		3SE5000-0AA21-8K#	130.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	270.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K#	400.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	300.-	5

Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04-8K	350.-	5
Roller lever		3SE5000-0AE11-8K	240.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	165.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	315.-	5
Plain Plunger		3SE5000-0AB01-8K	445.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

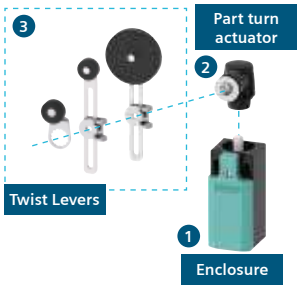
Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01-8K	225.-	5
Angular Roller lever		3SE5000-0AF01-8K	420.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	335.-	5
Twist Lever		3SE5000-0AA01-8K#	160.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	270.-	5
Fork type		3SE5000-0AT01-8K$	195.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	1725.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K#	400.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	300.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02-8K	280.-	5
Roller Plunger		3SE5000-0AD02-8K	425.-	5
Roller lever		3SE5000-0AE02-8K	380.-	5
Angular Roller lever		3SE5000-0AF02-8K	465.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	335.-	5
Twist Lever		3SE5000-0AA02-8K#	190.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	315.-	5

Notes:

1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. $ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K



Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	**3SE5250-0AC05-8K**	**315.-**	**10**

Spares for Open & enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	**3SE5050-0BA00-8K***	**650.-**	**10**
		Snap action		**3SE5050-0CA00-8K***		**10**
		Slow action		**3SE5000-0BA00-8K**		**10**
		Snap action		**3SE5000-0CA00-8K**		**10**
		Slow action	1NO + 2NC	**3SE5000-0KA00-8K**	**825.-**	**10**
		Snap action		**3SE5000-0LA00-8K**		**10**
		Slow-action contacts with make-before-break		**3SE5000-0MA00-8K**	**860.-**	**10**
		Slow action	2NO + 1 NC	**3SE5000-0PA00-8K**		**10**

Note: 3SE5000-0BA00-8K can be used only with enclosed type switch

* Suitable for Open execution

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	**3SX9926**	**955.-**	**5**

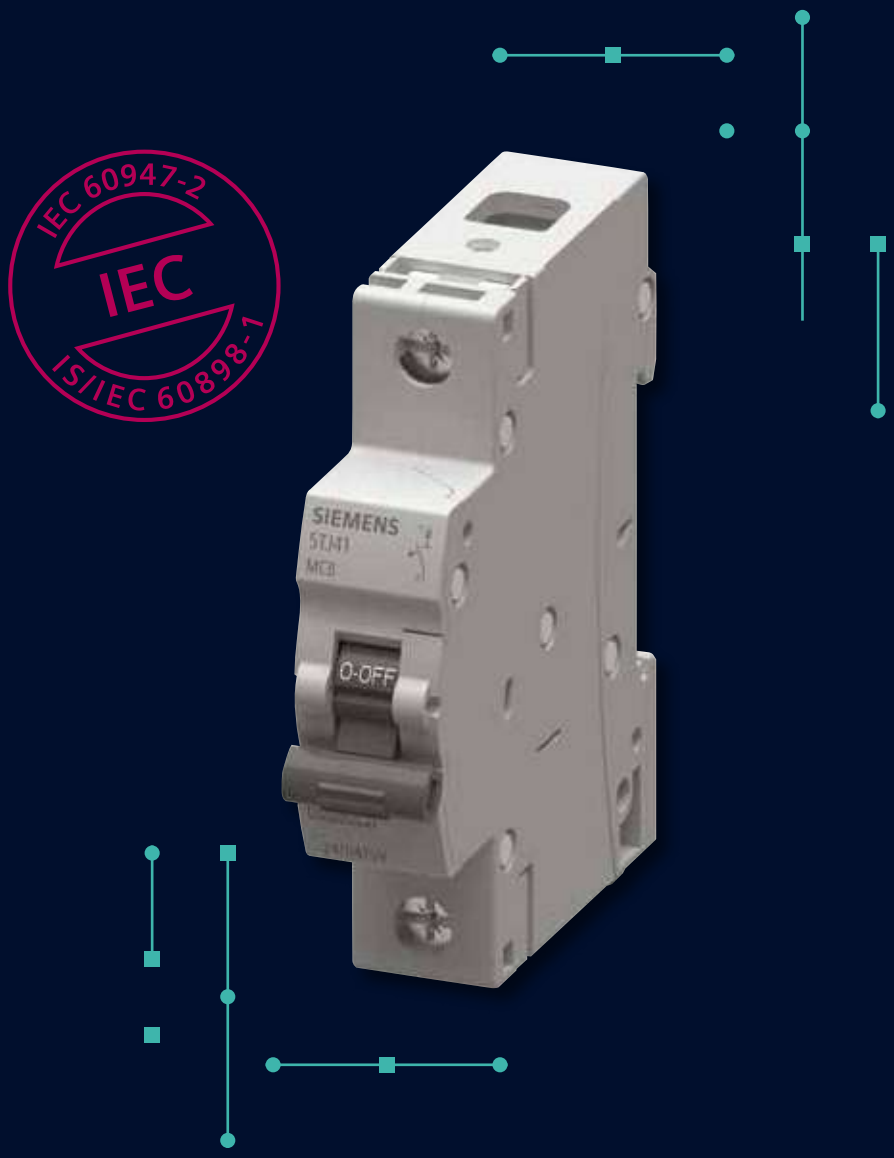
Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	**3SE5232-0AC05-8K**	**585.-**	**1**
50MM			**3SE5242-0AC05-8K**	**860.-**	**1**
31MM		Metal	**3SE5212-0AC05-8K**	**980.-**	**1**
40MM			**3SE5112-0AA00-8K**	**1185.-**	**1**
56MM			**3SE5122-0AA00-8K**	**1330.-**	**1**

SINOVA THE POWER OF SIMPLICITY

NEW

5TJ Miniature Circuit Breakers

- **IEC** Safe — Complies with IEC standards
- Comprehensive range — For various applications
- Reliable — Siemens trusted quality
- RoHS compliance — Environmentally friendly



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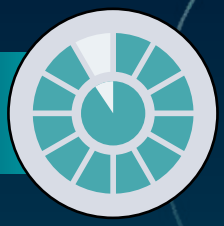
Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection

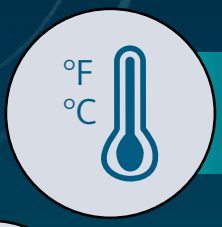
High Breaking capacity (Icn)



High Endurance Cycle

Very low watt loss

Ergonomic Handle for Identification



High ambient temperature

RoHS Compliant

Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection

Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

Betagard Miniature Circuit Breakers 5SL6, with C Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL61057RC	539.-	1/12
	1		■ 5SL61017RC	539.-	1/12
	2		5SL61027RC	539.-	1/12
	3		5SL61037RC	539.-	1/12
	4		■ 5SL61047RC	539.-	1/12
	6		■ 5SL61067RC	334.-	1/12
	8		5SL61087RC	334.-	1/12
	10		■ 5SL61107RC	334.-	1/12
	13		5SL61137RC	334.-	1/12
	16		■ 5SL61167RC	334.-	1/12
	20		■ 5SL61207RC	334.-	1/12
	25		5SL61257RC	334.-	1/12
	32		5SL61327RC	334.-	1/12
	40		5SL61407RC	735.-	1/12
	50		5SL61507RC	846.-	1/12
	63		5SL61637RC	846.-	1/12
2P, 415V AC	0.5	2	5SL62057RC	1523.-	1/6
	1		5SL62017RC	1523.-	1/6
	2		5SL62027RC	1523.-	1/6
	3		5SL62037RC	1523.-	1/6
	4		5SL62047RC	1523.-	1/6
	6		■ 5SL62067RC	1140.-	1/6
	8		5SL62087RC	1140.-	1/6
	10		■ 5SL62107RC	1140.-	1/6
	13		5SL62137RC	1140.-	1/6
	16		5SL62167RC	1140.-	1/6
	20		■ 5SL62207RC	1140.-	1/6
	25		5SL62257RC	1140.-	1/6
	32		5SL62327RC	1140.-	1/6
	40		5SL62407RC	1600.-	1/6
	50		5SL62507RC	1878.-	1/6
	63		5SL62637RC	1878.-	1/6
3P, 415V AC	0.5	3	5SL63057RC	2138.-	1/4
	1		5SL63017RC	2138.-	1/4
	2		5SL63027RC	2138.-	1/4
	4		5SL63047RC	2138.-	1/4
	6		■ 5SL63067RC	1712.-	1/4
	10		■ 5SL63107RC	1712.-	1/4
	16		■ 5SL63167RC	1712.-	1/4
	20		5SL63207RC	1712.-	1/4
	25		5SL63257RC	1712.-	1/4
	32		■ 5SL63327RC	1712.-	1/4
	40		■ 5SL63407RC	2396.-	1/4
	50		5SL63507RC	2676.-	1/4
	63		■ 5SL63637RC	2676.-	1/4
4P, 415V AC	0.5	4	5SL64057RC	2952.-	1/3
	1		5SL64017RC	2952.-	1/3
	2		5SL64027RC	2952.-	1/3
	4		5SL64047RC	2952.-	1/3
	6		5SL64067RC	2367.-	1/3
	10		5SL64107RC	2367.-	1/3
	16		5SL64167RC	2367.-	1/3
	20		5SL64207RC	2367.-	1/3
	25		5SL64257RC	2367.-	1/3
	32		5SL64327RC	2367.-	1/3
	40		■ 5SL64407RC	3059.-	1/3
	50		5SL64507RC	3541.-	1/3
	63		■ 5SL64637RC	3541.-	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers 5SL4, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL41057RC	620.-	1/12
	2		■ 5SL41027RC	620.-	1/12
	3		5SL41037RC	620.-	1/12
	4		5SL41047RC	620.-	1/12
	6		■ 5SL41067RC	401.-	1/12
	8		5SL41087RC	401.-	1/12
	10		■ 5SL41107RC	401.-	1/12
	13		5SL41137RC	401.-	1/12
	16		■ 5SL41167RC	401.-	1/12
	20		■ 5SL41207RC	401.-	1/12
	25		5SL41257RC	401.-	1/12
	32		■ 5SL41327RC	401.-	1/12
	40		5SL41407RC	874.-	1/12
	50		5SL41507RC	900.-	1/12
	63		5SL41637RC	900.-	1/12
2P, 415V AC	0.5	2	5SL42057RC	1755.-	1/6
	2		■ 5SL42027RC	1755.-	1/6
	3		5SL42037RC	1755.-	1/6
	4		■ 5SL42047RC	1755.-	1/6
	6		■ 5SL42067RC	1258.-	1/6
	8		5SL42087RC	1258.-	1/6
	10		■ 5SL42107RC	1258.-	1/6
	13		5SL42137RC	1258.-	1/6
	16		■ 5SL42167RC	1258.-	1/6
	20		■ 5SL42207RC	1258.-	1/6
	25		5SL42257RC	1258.-	1/6
	32		5SL42327RC	1258.-	1/6
	40		5SL42407RC	2029.-	1/6
	50		5SL42507RC	2029.-	1/6
	63		5SL42637RC	2029.-	1/6
3P, 415V AC	0.5	3	5SL43057RC	2836.-	1/4
	2		5SL43027RC	2836.-	1/4
	3		5SL43037RC	2836.-	1/4
	4		5SL43047RC	2836.-	1/4
	6		■ 5SL43067RC	2113.-	1/4
	8		5SL43087RC	2113.-	1/4
	10		■ 5SL43107RC	2113.-	1/4
	13		5SL43137RC	2113.-	1/4
	16		■ 5SL43167RC	2113.-	1/4
	20		■ 5SL43207RC	2113.-	1/4
	25		5SL43257RC	2113.-	1/4
	32		■ 5SL43327RC	2113.-	1/4
	40		5SL43407RC	3197.-	1/4
	50		5SL43507RC	3197.-	1/4
	63		■ 5SL43637RC	3197.-	1/4
4P, 415V AC	0.5	4	5SL44057RC	3564.-	1/3
	2		5SL44027RC	3564.-	1/3
	3		5SL44037RC	3564.-	1/3
	4		5SL44047RC	3564.-	1/3
	6		5SL44067RC	2925.-	1/3
	8		5SL44087RC	2925.-	1/3
	10		5SL44107RC	2925.-	1/3
	13		5SL44137RC	2925.-	1/3
	16		5SL44167RC	2925.-	1/3
	20		5SL44207RC	2925.-	1/3
	25		5SL44257RC	2925.-	1/3
	32		■ 5SL44327RC	2925.-	1/3
	40		5SL44407RC	3990.-	1/3
	50		5SL44507RC	3990.-	1/3
	63		■ 5SL44637RC	3990.-	1/3

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Residual Current Circuit Breakers 5SV

IS 12640 Part 1
CM/L No. 7676092

- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415VAC, 50Hz
- With ISI marking: CM/L No. 7676092

Type AC, applicable in networks for AC residual currents

		Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	4525.-	1
		100	25		5SV44120RC	4725.-	1
		300	25		5SV46120RC	4885.-	1
		30	40		■ 5SV43140RC	5305.-	1
		100	40		5SV44140RC	5540.-	1
		300	40		5SV46140RC	5750.-	1
		30	63		■ 5SV43160RC	7095.-	1
		100	63		5SV44160RC	7145.-	1
		300	63		5SV46160RC	7595.-	1
		30	80		5SV43170RC	10965.-	1
		100	80		5SV44170RC	11405.-	1
		300	80		5SV46170RC	11405.-	1
	4 Pole	30	25	4	■ 5SV43420RC	6065.-	1
		100	25		5SV44420RC	6285.-	1
		300	25		5SV46420RC	6515.-	1
		30	40		■ 5SV43440RC	6130.-	1
		100	40		5SV44440RC	6370.-	1
		300	40		5SV46440RC	6615.-	1
		30	63		■ 5SV43460RC	7145.-	1
		100	63		5SV44460RC	7430.-	1
		300	63		5SV46460RC	7695.-	1
		30	80		5SV43470RC	10965.-	1
		100	80		5SV44470RC	11405.-	1
		300	80		5SV46470RC	11405.-	1

Betagard Isolators 5TL1

- Standard: IS/IEC 60947-3
- Voltage: 440V AC

		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	40	2	5TL12400	955.-	1/1
		63		5TL12630	1255.-	1/1
		80		5TL12800	1645.-	1/1
		100		5TL12910	2090.-	1/1
		125		5TL12920	2180.-	1/1
	3-pole	40	3	5TL13400	1775.-	1/1
		63		5TL13630	1990.-	1/1
		80		5TL13800	2405.-	1/1
		100		5TL13910	2530.-	1/1
		125		5TL13920	2730.-	1/1
	4-pole	40	4	5TL14400	2080.-	1/1
		63		5TL14630	2370.-	1/1
		80		5TL14800	2850.-	1/1
		100		5TL14910	3425.-	1/1
		125		5TL14920	3710.-	1/1

■ Stock items
Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL isolators, 5SV/5SM RCCBs and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1)			
	1NO+1NC	5ST3010	1685.-	12
	2NO	5ST3011	1720.-	1
	2NC	5ST3012	1720.-	1
	1CO	5ST3016	2725.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1)			
	1NO+1NC	5ST3020	2475.-	1
	2NO	5ST3021	2520.-	1
	2NC	5ST3022	2520.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	110...415V AC	5ST3030	6950.-	1/5
	24...48V DC	5ST3031	6950.-	1/5
	Auxiliary and fault signal changeover contact (For 5SL/5SY/5SP4/5TL/5SV/5SU1) Auxiliary switch - 1CO Fault contact - 1CO	5ST3062	8020.-	1
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	With integrated aux. switch			
	230V AC	5ST3040	9330.-	1/5
	110V DC	5ST3041	9330.-	1/5
	24V DC	5ST3042	9330.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043	9330.-	1/5
	110V DC	5ST3044	9330.-	1/5
	24V DC	5ST3045	9330.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL,5SY,5TL1 and 5SU1 (1P+N only)			
	(12-30)VAC & (12-48)VDC, 1.5MW	5ST3053	41625.-	1
	230VAC, 2MW	5ST3054	41625.-	1
	Power version for 5SL,5SY,5TL1 and 5SU1			
	(12-30)VAC & (12-48)VDC, 2MW	5ST3055	70440.-	1
	230VAC, 2MW	5ST3056	70440.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P	5ST38206	880.-	1
	For 5SL - 3P & 4P	5ST38207	880.-	1
	For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	880.-	1
	For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	880.-	1
	For 5SU1 - 2P, 2M	5ST38205	880.-	1
	^ Add-on block for 5SU1 to be ordered along with Adapter	5ST38203	1915.-	1
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	865.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	820.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	555.-	5
	Handle connector for 2P, 2M 5SU1 RCBO$ (1set = 5 units in poly bag)	5ST38051	1725.-	1

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators$$	5ST38140RC	3095.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only $$ Not suitable for 1P variants

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

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Surge Protection Devices

For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage Uc: 350V

Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350µs)	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	**24970.-**
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	**48600.-**

Type 2: Surge Arresters

Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	**4080.-**
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	**12135.-**

Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.

On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)

Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	**6895.-**

Note: Standard packing: 1unit

*LP: List Price

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display

5SD74121

5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	**5SD74121**	**POR**
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	**5SD74141**	

For TN-C system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display

5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	≤1.5kV	25kA/75kA	-	3P	**5SD74131**	**119285.-**

Type 2: Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C, U_C:350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current In=20kA SC capacity with backup fuse=25kA

5SD74641

5SD7422-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	**5SD74640**	**POR**
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	**5SD74641**	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	**5SD74220**	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	**5SD74221**	

For TN-C system

Surge arrester Type 2 requirement class C, U_C:350V
Pluggable protective modules 3-pole, 3+0 circuit for TNC systems

5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max} L-N or L-(PE)N, 1P	Pole	Remote signaling	Reference No.	Unit LP* ₹
240/415V	80A gL/gG	≤1.5kV	40kA	3P	No	**5SD74630**	**40420.-**
240/415V	80A gL/gG	≤1.5kV	40kA	3P	Yes	**5SD74631**	**42270.-**

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit * LP : List Price

POR: Price On Request

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 3: Surge Arresters

Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
24V AC 34V DC	26A	0.65kV	1kA	2P	**5SD74325**	**19160.-**
120V AC 150V DC	26A	0.95kV	3kA	2P	**5SD74326**	**20875.-**
240V AC 240V DC	26A	1.5kV	3kA	2P	**5SD74327**	**21435.-**

Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)

5SD74836

Rated voltage U_N	Rated discharge current	Protection level U_p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
1000V DC	15kA	≤3.5kV	≤5kA	40kA	3P	No	**5SD74836**	**39740.-**

Replacement Plug

SPD Type	Type	Connection	Reference No.	Unit LP* ₹
5SD74121	Type 1	L-N	**5SD74181**	**33630.-**
5SD74131				
5SD74141				
5SD74121		N-PE	**5SD74180**	**35250.-**
5SD74131				
5SD74141				
5SD7463-0/1	Type 2	L-N	**5SD74681**	**9875.-**
5SD7464-0/1				
5SD7464-0/1		N-PE	**5SD74880**	**12385.-**
5SD7422-0/1		L-N	**5SD74281**	**9875.-**
5SD7422-0/1		N-PE	**5SD74280**	**12860.-**
5SD7483-6	PV	-	**5SD74983**	**10465.-**

* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:
Standard packing: 1unit
* LP - List Price
POR: Price On Request

Modular Devices

For efficient control and monitoring

- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Changeover switches Standards: IEC 60947-3/DIN EN 60947-3						
	1C/O, 230V	20	1	**5TE8161**	**4150.-**	**1/10**
	2C/O, 400V	20	1	**5TE8162**	**6270.-**	**1/10**
	Group switch, center position, 2C/O, 400V	20	1	**5TE8142**	**7575.-**	**1/10**
Insta Contactors Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230Vac	20	1	**5TT58000**	**5010.-**	**1/5**
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	40	3	**5TT58410**	**13700.-**	**1/5**
	3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A)	40	3	**5TT58412**	**13765.-**	**1/5**
	4NO contacts, 230Vac/220Vdc	40	3	**5TT58400**	**13805.-**	**1/5**
	4NO contacts, 24Vac/24Vdc	40	3	**5TT58402**	**13785.-**	**1/5**
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	63	3	**5TT58510**	**21450.-**	**1/5**
	3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A)	63	3	**5TT58512**	**21840.-**	**1/5**
	4NO contacts, 230Vac/220Vdc	63	3	**5TT58500**	**17495.-**	**1/5**
	4NO contacts, 24Vac/24Vdc	63	3	**5TT58502**	**17530.-**	**1/5**
Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230Vac	20	1	**5TT58006**	**6665.-**	**1/5**
	1NO+1NC contacts, 230Vac	20	1	**5TT58016**	**9800.-**	**1/5**
	4NO contacts, 230Vac	25	2	**5TT58306**	**10075.-**	**1/5**
	4NO contacts, 400Vac	40	3	**5TT58406**	**20280.-**	**1/5**
	4NO contacts, 400Vac	63	3	**5TT58506**	**26570.-**	**1/5**
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			**5TT59101**	**6110.-**	**1/10**

Note:
* LP - List Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			**7LQ2300**	**54965.-**	**1**
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400Vac	4	**2**	**5TT3402**	**22195.-**	**1**
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400Vac	4	**2**	**5TT3407**	**40605.-**	**1**
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400Vac	4	**2**	**5TT3408**	**41800.-**	**1**
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	**5TE5802**	**5580.-**	**1/10**
	3 phase indicator (red/yellow/green)		1	**5TE5803**	**5310.-**	**1/10**
	Transparent cap (1 set = 3 items, R, Y, G lens)			**5TG8070**	**1425.-**	**1/10**
Power ON Indicator (Economy Version) 230 Vac, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	**5TE5800**	**3330.-**	**1/12**
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	**5TE5804**	**4230.-**	**1/12**
	Transparent cap (Red) (1 set 5x each red/transparent)			**5TG8061**	**1840.-**	**5**
	Transparent cap (Green) (1 Set with 5x each green/transparent)			**5TG8062**	**1840.-**	**5**
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			**5TG8063**	**1840.-**	**5**
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			**5TG8064**	**1840.-**	**5**
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac	4	2	**5TT3170**	**17410.-**	**1**

Note:
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Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230Vac	16	1	**7LF45015**	**12960.-**	**1**
	Yearly time switch top digital 230V, 1 channel	16	2	**7LF45110**	**15870.-**	**1**
	Yearly time switch top digital 230V, 2 channel	16	2	**7LF45120**	**30380.-**	**1**
	Weekly time switch profi digital 230V, 1 channel	16	2	**7LF45210**	**28300.-**	**1**
	Weekly time switch profi digital 230V, 2 channel	16	2	**7LF45220**	**36605.-**	**1**
	Weekly time switch astro digital 230V, 1 channel	16	2	**7LF45310**	**28530.-**	**1**
	Weekly time switch astro digital 230V, 2 channel	16	2	**7LF45320**	**47700.-**	**1**
Time Switches (Mechanical) Standards: EN 60730-1						
7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	**7LF53011**	**17560.-**	**1**
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53005**	**9690.-**	**1**
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53016**	**18650.-**	**1**
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac	16	—	**7LF53050**	**20400.-**	**1**
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac	16	—	**7LF53010**	**11500.-**	**1**
Accessories for Digital Time Switches						
	USB adapter and software			**7LF49410**	**46965.-**	**1**
	Data key profi, astro			**7LF49411**	**4780.-**	**1**

Note:
* LP - List Price
# 1MW (Module Width) = 18mm
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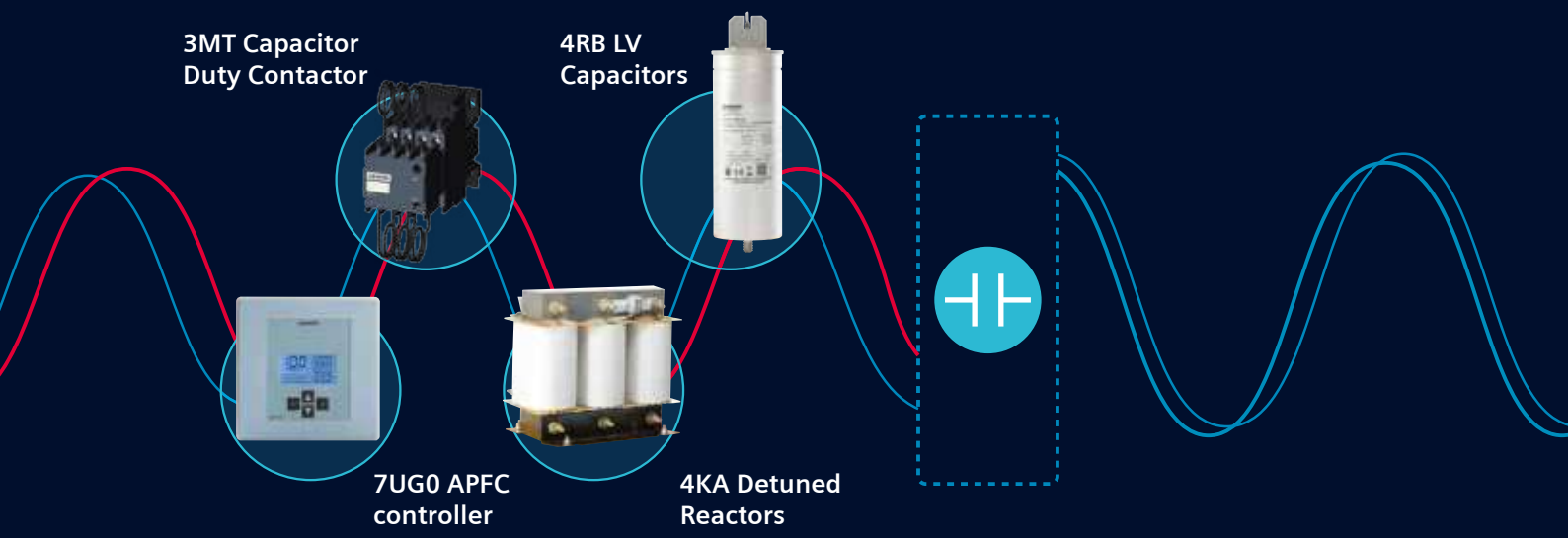
Power Factor Correction



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SIECAP™ LV Power Capacitors

ND+ (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	3245.-	1
	6	4RB2060-3EE52-8K	3245.-	1
	7	4RB2070-3EE52-8K	3555.-	1
	7.5	4RB2075-3EE52-8K	3815.-	1
	8.3	4RB2083-3EE52-8K	4220.-	1
	10	4RB2100-3EE52-8K	5085.-	1
	12.5	4RB2125-3EE52-8K	5490.-	1
	15	4RB2150-3EE52-8K	6585.-	1
	20	4RB2200-3EE52-8K	8750.-	1
	20.8	4RB2208-3EE52-8K	9120.-	1
	25	4RB2250-3EE52-8K	10960.-	1
	28	4RB2280-3EE52-8K	12270.-	1
	30	4RB2300-3EE52-8K	13155.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2985.-	1
	5.5	4RB2055-3EJ52-8K	3310.-	1
	10.4	4RB2104-3EJ52-8K	5525.-	1
	11.1	4RB2111-3EJ52-8K	5635.-	1
	12.5	4RB2125-3EJ52-8K	5775.-	1
	20.8	4RB2208-3EJ52-8K	9600.-	1
	25	4RB2250-3EJ52-8K	11535.-	1
	27.7	4RB2277-3EJ52-8K	12785.-	1
	30	4RB2300-3EJ52-8K	13850.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3980.-	1
	7.5	4RB2075-3EB53-8K	5285.-	1
	10.4	4RB2104-3EB53-8K	7340.-	1
	12.5	4RB2125-3EB53-8K	7960.-	1
	15	4RB2150-3EB53-8K	9560.-	1
	20	4RB2200-3EB53-8K	12740.-	1
	25	4RB2250-3EB53-8K	15925.-	1
440	5	4RB2050-3EE53-8K	4100.-	1
	7.5	4RB2075-3EE53-8K	5285.-	1
	10	4RB2100-3EE53-8K	7050.-	1
	12.5	4RB2125-3EE53-8K	7960.-	1
	15	4RB2150-3EE53-8K	9560.-	1
	20	4RB2200-3EE53-8K	12740.-	1
	25	4RB2250-3EE53-8K	15925.-	1
	30	4RB2300-3EE53-8K	19100.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4100.-	1
	6.3	4RB2063-3EJ53-8K	4590.-	1
	10.4	4RB2104-3EJ53-8K	6865.-	1
	11	4RB2110-3EJ53-8K	7265.-	1
	12.5	4RB2125-3EJ53-8K	8250.-	1
	13.8	4RB2138-3EJ53-8K	9110.-	1
	15	4RB2150-3EJ53-8K	9895.-	1
	16.7	4RB2167-3EJ53-8K	11015.-	1
	18.7	4RB2187-3EJ53-8K	12330.-	1
	20	4RB2200-3EJ53-8K	13205.-	1
	22	4RB2220-3EJ53-8K	14505.-	1
	25	4RB2250-3EJ53-8K	16485.-	1
	28.1	4RB2281-3EJ53-8K	18535.-	1
	30	4RB2300-3EJ53-8K	19775.-	1
525	5	4RB2050-3FC53-8K	4225.-	1
	6.3	4RB2063-3FC53-8K	4740.-	1
	8.3	4RB2083-3FC53-8K	6235.-	1
	10.4	4RB2104-3FC53-8K	7095.-	1
	12.5	4RB2125-3FC53-8K	8535.-	1
	13.2	4RB2132-3FC53-8K	9015.-	1
	15	4RB2150-3FC53-8K	10230.-	1
	16.7	4RB2167-3FC53-8K	11415.-	1
	20	4RB2200-3FC53-8K	13645.-	1
	25	4RB2250-3FC53-8K	17055.-	1
	26.5	4RB2265-3FC53-8K	18080.-	1
	30	4RB2300-3FC53-8K	20475.-	1
	33.1	4RB2331-3FC53-8K	22580.-	1

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Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	4535.-	1
	6.3	4RB1063-3EB50-8K	5070.-	1
	7.5	4RB1075-3EB50-8K	6040.-	1
	10.4	4RB1104-3EB50-8K	8375.-	1
	12.5	4RB1125-3EB50-8K	9090.-	1
	15	4RB1150-3EB50-8K	10910.-	1
	20	4RB1200-3EB50-8K	14550.-	1
	25	4RB1250-3EB50-8K	18185.-	1
	28.1	4RB1281-3EB50-8K	20425.-	1
	30	4RB1300-3EB50-8K	21820.-	1
	33	4RB1330-3EB50-8K	24005.-	1
440	5	4RB1050-3EE50-8K	4680.-	1
	7.5	4RB1075-3EE50-8K	6040.-	1
	10	4RB1100-3EE50-8K	8055.-	1
	10.4	4RB1104-3EE50-8K	8375.-	1
	12.5	4RB1125-3EE50-8K	9090.-	1
	15	4RB1150-3EE50-8K	10910.-	1
	16.7	4RB1167-3EE50-8K	12145.-	1
	20	4RB1200-3EE50-8K	14550.-	1
	25	4RB1250-3EE50-8K	18185.-	1
	28.1	4RB1281-3EE50-8K	20425.-	1
	30	4RB1300-3EE50-8K	21820.-	1
	33.1	4RB1331-3EE50-8K	24070.-	1
480	5	4RB1050-3EJ50-8K	4680.-	1
	6.3	4RB1063-3EJ50-8K	5230.-	1
	8.3	4RB1083-3EJ50-8K	6905.-	1
	10.4	4RB1104-3EJ50-8K	7835.-	1
	11	4RB1111-3EJ50-8K	8295.-	1
	12.5	4RB1125-3EJ50-8K	9415.-	1
	13.8	4RB1138-3EJ50-8K	10405.-	1
	15	4RB1150-3EJ50-8K	11305.-	1
	16.7	4RB1167-3EJ50-8K	12575.-	1
	18.7	4RB1187-3EJ50-8K	14085.-	1
	20	4RB1200-3EJ50-8K	15075.-	1
	22	4RB1220-3EJ50-8K	16565.-	1
	25	4RB1250-3EJ50-8K	18820.-	1
	28.1	4RB1281-3EJ50-8K	21165.-	1
	30	4RB1300-3EJ50-8K	22590.-	1
	31	4RB1310-3EJ50-8K	23350.-	1
	33	4RB1330-3EJ50-8K	24865.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	4825.-	1
	6.3	4RB1063-3FC50-8K	5415.-	1
	8.3	4RB1083-3FC50-8K	7120.-	1
	10.4	4RB1104-3FC50-8K	8105.-	1
	12.5	4RB1125-3FC50-8K	9745.-	1
	13.2	4RB1132-3FC50-8K	10290.-	1
	15	4RB1150-3FC50-8K	11685.-	1
	16.7	4RB1167-3FC50-8K	13025.-	1
	20	4RB1200-3FC50-8K	15575.-	1
	25	4RB1250-3FC50-8K	19480.-	1
	26.5	4RB1265-3FC50-8K	20655.-	1
	30	4RB1300-3FC50-8K	23385.-	1
	33.1	4RB1331-3FC50-8K	25790.-	1
690	5.3	4RB1053-3GK50-8K	4265.-	1
	6.9	4RB1068-3GK50-8K	5570.-	1
	10.4	4RB1104-3GK50-8K	8375.-	1
	12.5	4RB1125-3GK50-8K	10070.-	1
	14.6	4RB1146-3GK50-8K	11760.-	1
	20	4RB1200-3GK50-8K	16105.-	1
	25	4RB1250-3GK50-8K	20135.-	1

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Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	20610.-
10kvar	5.67%	4KA1220-3AC01-0AA0	24460.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	28630.-
15kvar	5.67%	4KA1220-5AC01-0AA0	30930.-
20kvar	5.67%	4KA1220-6AC01-0AA0	33080.-
25kvar	5.67%	4KA1220-7AC01-0AA0	35390.-
5kvar	7%	4KA1220-1AA01-0AA0	20595.-
10kvar	7%	4KA1220-3AA01-0AA0	28255.-
12.5kvar	7%	4KA1220-4AA01-0AA0	30505.-
15kvar	7%	4KA1220-5AA01-0AA0	35220.-
20kvar	7%	4KA1220-6AA01-0AA0	37520.-
25kvar	7%	4KA1220-7AA01-0AA0	39485.-
50kvar	7%	4KA1220-2BA01-0AA0	70350.-
75kvar	7%	4KA1220-3BA03-0AA0	98660.-
100kvar	7%	4KA1220-4BA03-0AA0	124180.-
5kvar	14%	4KA1220-1AB01-0AA0	27115.-
12.5kvar	14%	4KA1220-4AB01-0AA0	45505.-
15kvar	14%	4KA1220-5AB01-0AA0	53290.-
20kvar	14%	4KA1220-6AB01-0AA0	64845.-
25kvar	14%	4KA1220-7AB01-0AA0	72905.-
50kvar	14%	4KA1220-2BB01-0AA0	118400.-
75kvar	14%	4KA1220-3BB03-0AA0	151470.-
100kvar	14%	4KA1220-4BB03-0AA0	220225.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	15315.-
10kvar	5.67%	4KA1420-3AC01-0AA0	19525.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	21400.-
15kvar	5.67%	4KA1420-5AC01-0AA0	25305.-
20kvar	5.67%	4KA1420-6AC01-0AA0	28855.-
25kvar	5.67%	4KA1420-7AC01-0AA0	29215.-
50kvar	5.67%	4KA1420-2BC01-0AA0	53160.-
5kvar	7%	4KA1420-1AA01-0AA0	16300.-
10kvar	7%	4KA1420-3AA01-0AA0	20975.-
12.5kvar	7%	4KA1420-4AA01-0AA0	23195.-
15kvar	7%	4KA1420-5AA01-0AA0	26145.-
20kvar	7%	4KA1420-6AA01-0AA0	27840.-
25kvar	7%	4KA1420-7AA01-0AA0	29780.-
50kvar	7%	4KA1420-2BA01-0AA0	51205.-
75kvar	7%	4KA1420-3BA03-0AA0	69570.-
100kvar	7%	4KA1420-4BA03-0AA0	90975.-
5kvar	14%	4KA1420-1AB01-0AA0	22190.-
10kvar	14%	4KA1420-3AB01-0AA0	33290.-
12.5kvar	14%	4KA1420-4AB01-0AA0	36225.-
15kvar	14%	4KA1420-5AB01-0AA0	42885.-
20kvar	14%	4KA1420-6AB01-0AA0	47610.-
25kvar	14%	4KA1420-7AB01-0AA0	58095.-
50kvar	14%	4KA1420-2BB01-0AA0	102780.-

Std. Pkg. = 1 unit

* LP - List Price

3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.

Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant

for more info scan QR code

7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	25735.-	1
	12 Stage with LCD display	7UG0572-1GT20	27570.-	1
	12 stage with LED display	7UG0572-1GT21	15765.-	1

Std. Pkg. = 1 unit * LP - List Price

Available till stocks last

3TS Capacitor duty Contactors

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
5 kvar	1 NO	3TS2110-0A..5-8K†	2910.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	3195.-				
10 kvar	–	3TS2200-0A..5-8K†	3475.-	1NO+1NC	3TS2211-0A..5-8K	3985.-	
12.5 kvar	–	3TS1200-0A..5-8K†	3560.-	1NO+1NC	3TS1211-0A..5-8K	4070.-	1
16 kvar	–	3TS1300-0A..5-8K†	4895.-	1NO+1NC	3TS1311-0A..5-8K	5395.-	1
20 kvar	–	3TS1400-0A..5-8K†	5515.-	1NO+1NC	3TS1411-0A..5-8K	6000.-	1
25 kvar	–	3TS1500-0A..5-8K†	6365.-	1NO+1NC	3TS1511-0A..5-8K	6880.-	1
30 kvar	–	3TS2500-0A..5-8K†	9915.-	1NO+1NC	3TS2511-0A..5-8K	10425.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	16825.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	19700.-				

† Facility to add one contact block of 1NO / 1NC

3TS Capacitor Duty Spares

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	280.-	10
	1NC	■ 3TX4001-2A	280.-	10

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	1085.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar		3TY74430A..	1340.-	1
20 kvar				
25 kvar				
30 kvar				
40 kvar		3TY74630A..	2325.-	1
50 kvar				

* For coil, refer above table

Pre-charge resistor + Contact block kit

Contactor kVAr	Description	Type	Unit LP ₹	Std. pkg. (nos.)
10 kvar	Pre-charge resistor + early making contact block kit + main contacts kit	3TS9762-0SX15-8K	2710.-	1
12.5 kvar		3TS9762-0SX15-8K		1
16 kvar		3TS9763-0SX15-8K	4025.-	1
20 kvar		3TS9764-0SX15-8K	4540.-	1
25 kvar		3TS9765-0SX15-8K	5340.-	1
30 kvar		3TS9765-0SX15-8K		1
40 kvar		3TS9767-0SX15-8K	13730.-	1
50 kvar		3TS9767-0SX15-8K		1

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

Discontinued

MPCBs for motor protection - 3VS16

Overload release range A	Type (w/o aux. contact)	Type (with 1NO+1NC)	Std. pkg. (nos)
6 - 10	3VS1600-0ML00	3VS1600-1ML00	1
10 - 16	3VS1600-0MM00	3VS1600-1MM00	1
16 - 25	3VS1600-0MN00	3VS1600-1MN00	1
22 - 32	3VS1600-0MP00	3VS1600-1MP00	1
28 - 40	3VS1600-0MQ00	3VS1600-1MQ00	1
36 - 52	3VS1600-0MR00	3VS1600-1MR00	1

7UG0 monitoring relays

Description	Voltage	Type
Speed monitoring relays	110-240V AC/DC	7UG0583-1CU20

3TS Converter duty Contactors

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil Type
12	630	3TS5722-0C..1-8K*

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*
3TS57	Spare main contact kits	3TS9157-01-8K

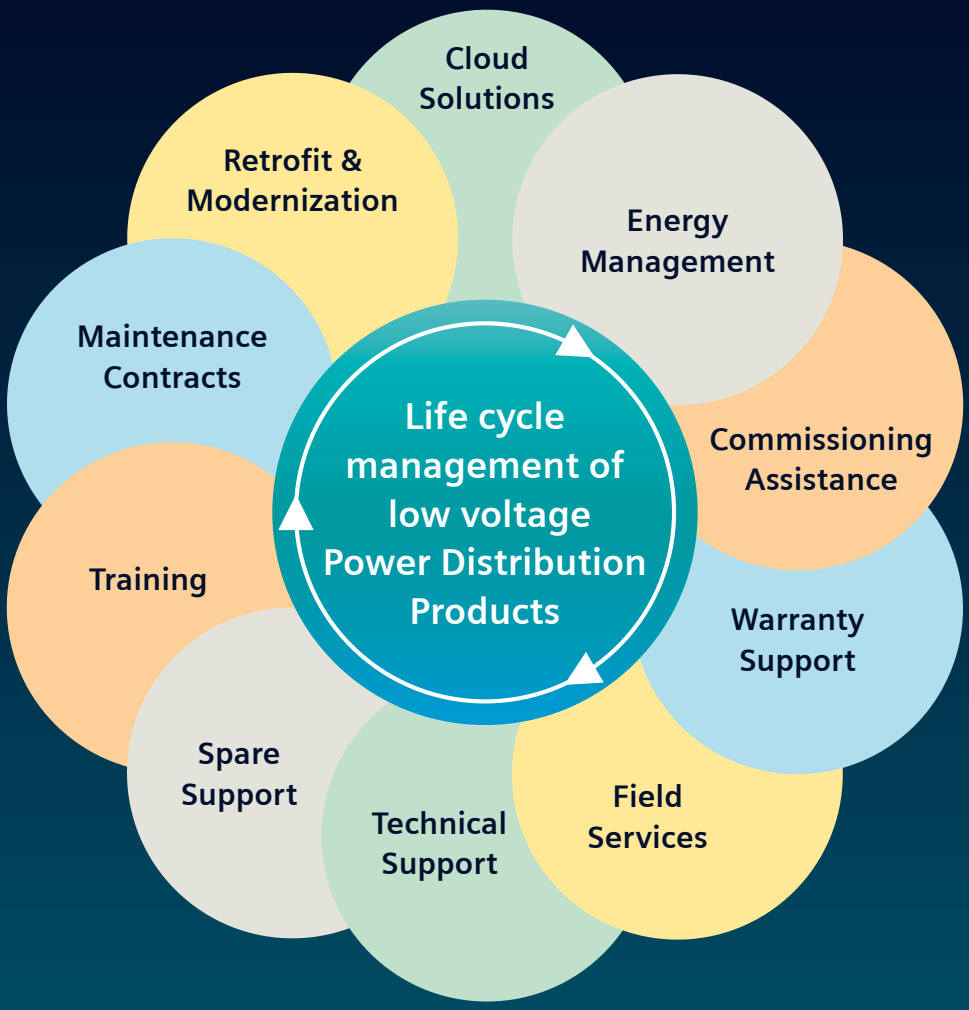
Spare coils

	AC Coil
3TS57	3TY7573-0C..

for 3TS57

AC 50/60Hz	Coil voltage (V)	110-132	220-240
	Code	F7	M7

* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office



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BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection

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Betagard Miniature Circuit Breakers
5SL6, with C Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz^**
- **With ISI marking: CM/L No. 2255548**

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	40		5SL61407RC	735.-	1/12
	50		5SL61507RC	846.-	1/12
	63		5SL61637RC	846.-	1/12
2P, 415V AC	0.5	2	5SL62057RC	1523.-	1/6
	1		5SL62017RC	1523.-	1/6
	2		5SL62027RC	1523.-	1/6
	3		5SL62037RC	1523.-	1/6
	4		5SL62047RC	1523.-	1/6
	6		■ 5SL62067RC	1140.-	1/6
	8		5SL62087RC	1140.-	1/6
	10		■ 5SL62107RC	1140.-	1/6
	13		5SL62137RC	1140.-	1/6
	16		5SL62167RC	1140.-	1/6
	20		■ 5SL62207RC	1140.-	1/6
	25		5SL62257RC	1140.-	1/6
	32		5SL62327RC	1140.-	1/6
	40		5SL62407RC	1600.-	1/6
	50		5SL62507RC	1878.-	1/6
	63		5SL62637RC	1878.-	1/6
3P, 415V AC	0.5	3	5SL63057RC	2138.-	1/4
	1		5SL63017RC	2138.-	1/4
	2		5SL63027RC	2138.-	1/4
	4		5SL63047RC	2138.-	1/4
	6		■ 5SL63067RC	1712.-	1/4
	10		■ 5SL63107RC	1712.-	1/4
	16		■ 5SL63167RC	1712.-	1/4
	20		5SL63207RC	1712.-	1/4
	25		5SL63257RC	1712.-	1/4
	32		■ 5SL63327RC	1712.-	1/4
	40		■ 5SL63407RC	2396.-	1/4
	50		5SL63507RC	2676.-	1/4
	63		■ 5SL63637RC	2676.-	1/4
4P, 415V AC	0.5	4	5SL64057RC	2952.-	1/3
	1		5SL64017RC	2952.-	1/3
	2		5SL64027RC	2952.-	1/3
	4		5SL64047RC	2952.-	1/3
	6		5SL64067RC	2367.-	1/3
	10		5SL64107RC	2367.-	1/3
	16		5SL64167RC	2367.-	1/3
	20		5SL64207RC	2367.-	1/3
	25		5SL64257RC	2367.-	1/3
	32		5SL64327RC	2367.-	1/3
	40		■ 5SL64407RC	3059.-	1/3
	50		5SL64507RC	3541.-	1/3
	63		■ 5SL64637RC	3541.-	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers
5SL6, with B Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz**
- **With ISI marking: CM/L No. 2255548**

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	6	1	■ 5SL61066RC	328.-	1/12
	10		5SL61106RC	328.-	1/12
	16		■ 5SL61166RC	328.-	1/12
	20		■ 5SL61206RC	328.-	1/12
	25		5SL61256RC	328.-	1/12
	32		■ 5SL61326RC	328.-	1/12
	40		5SL61406RC	731.-	1/12
	50		5SL61506RC	822.-	1/12
	63		5SL61636RC	822.-	1/12
2P, 415V AC	6	2	5SL62066RC	1127.-	1/6
	10		5SL62106RC	1127.-	1/6
	16		5SL62166RC	1127.-	1/6
	20		5SL62206RC	1127.-	1/6
	25		5SL62256RC	1127.-	1/6
	32		5SL62326RC	1127.-	1/6
	40		5SL62406RC	1585.-	1/6
	50		5SL62506RC	1863.-	1/6
	63		5SL62636RC	1863.-	1/6
3P, 415V AC	6	3	5SL63066RC	1712.-	1/4
	10		5SL63106RC	1712.-	1/4
	16		5SL63166RC	1712.-	1/4
	20		5SL63206RC	1712.-	1/4
	25		5SL63256RC	1712.-	1/4
	32		5SL63326RC	1712.-	1/4
	40		5SL63406RC	2365.-	1/4
	50		5SL63506RC	2652.-	1/4
	63		5SL63636RC	2652.-	1/4
4P, 415V AC	6	4	5SL64066RC	2354.-	1/3
	10		5SL64106RC	2354.-	1/3
	16		5SL64166RC	2354.-	1/3
	20		5SL64206RC	2354.-	1/3
	25		5SL64256RC	2354.-	1/3
	32		5SL64326RC	2354.-	1/3
	40		5SL64406RC	2938.-	1/3
	50		5SL64506RC	3531.-	1/3
	63		5SL64636RC	3531.-	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Miniature Circuit Breakers
5SL4, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz^**
- **Breaking capacity: 10kA as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL41057RC	620.-	1/12
	2		■ 5SL41027RC	620.-	1/12
	3		5SL41037RC	620.-	1/12
	4		5SL41047RC	620.-	1/12
	6		■ 5SL41067RC	401.-	1/12
	8		5SL41087RC	401.-	1/12
	10		■ 5SL41107RC	401.-	1/12
	13		5SL41137RC	401.-	1/12
	16		■ 5SL41167RC	401.-	1/12
	20		■ 5SL41207RC	401.-	1/12
	25		5SL41257RC	401.-	1/12
	32		■ 5SL41327RC	401.-	1/12
	40		5SL41407RC	874.-	1/12
	50		5SL41507RC	900.-	1/12
	63		5SL41637RC	900.-	1/12
2P, 415V AC	0.5	2	5SL42057RC	1755.-	1/6
	2		■ 5SL42027RC	1755.-	1/6
	3		5SL42037RC	1755.-	1/6
	4		■ 5SL42047RC	1755.-	1/6
	6		■ 5SL42067RC	1258.-	1/6
	8		5SL42087RC	1258.-	1/6
	10		■ 5SL42107RC	1258.-	1/6
	13		5SL42137RC	1258.-	1/6
	16		■ 5SL42167RC	1258.-	1/6
	20		■ 5SL42207RC	1258.-	1/6
	25		5SL42257RC	1258.-	1/6
	32		5SL42327RC	1258.-	1/6
	40		5SL42407RC	2029.-	1/6
	50		5SL42507RC	2029.-	1/6
	63		5SL42637RC	2029.-	1/6
3P, 415V AC	0.5	3	5SL43057RC	2836.-	1/4
	2		5SL43027RC	2836.-	1/4
	3		5SL43037RC	2836.-	1/4
	4		5SL43047RC	2836.-	1/4
	6		■ 5SL43067RC	2113.-	1/4
	8		5SL43087RC	2113.-	1/4
	10		■ 5SL43107RC	2113.-	1/4
	13		5SL43137RC	2113.-	1/4
	16		■ 5SL43167RC	2113.-	1/4
	20		■ 5SL43207RC	2113.-	1/4
	25		5SL43257RC	2113.-	1/4
	32		■ 5SL43327RC	2113.-	1/4
	40		5SL43407RC	3197.-	1/4
	50		5SL43507RC	3197.-	1/4
	63		■ 5SL43637RC	3197.-	1/4
4P, 415V AC	0.5	4	5SL44057RC	3564.-	1/3
	2		5SL44027RC	3564.-	1/3
	3		5SL44037RC	3564.-	1/3
	4		5SL44047RC	3564.-	1/3
	6		5SL44067RC	2925.-	1/3
	8		5SL44087RC	2925.-	1/3
	10		5SL44107RC	2925.-	1/3
	13		5SL44137RC	2925.-	1/3
	16		5SL44167RC	2925.-	1/3
	20		5SL44207RC	2925.-	1/3
	25		5SL44257RC	2925.-	1/3
	32		■ 5SL44327RC	2925.-	1/3
	40		5SL44407RC	3990.-	1/3
	50		5SL44507RC	3990.-	1/3
	63		■ 5SL44637RC	3990.-	1/3

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers
5SL7, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz**
- **Breaking capacity: 15kA[1] as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	**5SL71057RC**	**695.-**	**1/12**
	1		**5SL71017RC**	**695.-**	**1/12**
	2		**5SL71027RC**	**685.-**	**1/12**
	4		**5SL71047RC**	**685.-**	**1/12**
	6		**5SL71067RC**	**590.-**	**1/12**
	10		**5SL71107RC**	**590.-**	**1/12**
	16		**5SL71167RC**	**590.-**	**1/12**
	20		**5SL71207RC**	**590.-**	**1/12**
	25		**5SL71257RC**	**590.-**	**1/12**
	32		**5SL71327RC**	**590.-**	**1/12**
	40		**5SL71407RC**	**925.-**	**1/12**
	50		**5SL71507RC**	**935.-**	**1/12**
	63		**5SL71637RC**	**935.-**	**1/12**
2P, 415V AC	0.5	2	**5SL72057RC**	**1975.-**	**1/6**
	1		**5SL72017RC**	**1975.-**	**1/6**
	2		**5SL72027RC**	**1940.-**	**1/6**
	4		**5SL72047RC**	**1940.-**	**1/6**
	6		**5SL72067RC**	**1410.-**	**1/6**
	10		**5SL72107RC**	**1410.-**	**1/6**
	16		**5SL72167RC**	**1410.-**	**1/6**
	20		**5SL72207RC**	**1410.-**	**1/6**
	25		**5SL72257RC**	**1410.-**	**1/6**
	32		**5SL72327RC**	**1410.-**	**1/6**
	40		**5SL72407RC**	**2125.-**	**1/6**
	50		**5SL72507RC**	**2125.-**	**1/6**
	63		**5SL72637RC**	**2125.-**	**1/6**
3P, 415V AC	0.5	3	**5SL73057RC**	**3030.-**	**1/4**
	1		**5SL73017RC**	**3030.-**	**1/4**
	2		**5SL73027RC**	**2975.-**	**1/4**
	4		**5SL73047RC**	**2975.-**	**1/4**
	6		**5SL73067RC**	**2245.-**	**1/4**
	10		**5SL73107RC**	**2245.-**	**1/4**
	16		**5SL73167RC**	**2245.-**	**1/4**
	20		**5SL73207RC**	**2245.-**	**1/4**
	25		**5SL73257RC**	**2245.-**	**1/4**
	32		**5SL73327RC**	**2245.-**	**1/4**
	40		**5SL73407RC**	**3345.-**	**1/4**
	50		**5SL73507RC**	**3345.-**	**1/4**
	63		**5SL73637RC**	**3345.-**	**1/4**
4P, 415V AC	0.5	4	**5SL74057RC**	**3820.-**	**1/3**
	1		**5SL74017RC**	**3820.-**	**1/3**
	2		**5SL74027RC**	**3750.-**	**1/3**
	4		**5SL74047RC**	**3750.-**	**1/3**
	6		**5SL74067RC**	**3005.-**	**1/3**
	10		**5SL74107RC**	**3005.-**	**1/3**
	16		**5SL74167RC**	**3005.-**	**1/3**
	20		**5SL74207RC**	**3005.-**	**1/3**
	25		**5SL74257RC**	**3005.-**	**1/3**
	32		**5SL74327RC**	**3005.-**	**1/3**
	40		**5SL74407RC**	**4210.-**	**1/3**
	50		**5SL74507RC**	**4210.-**	**1/3**
	63		**5SL74637RC**	**4210.-**	**1/3**

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1] Breaking capacity 63A - 10kA

Betagard Miniature Circuit Breakers
5SL7, with D characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1**
- **Voltage: Un 240/415V, 50...60Hz**
- **Breaking capacity: 15kA[1)] as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL71058RC	705.-	1/12
	1		5SL71018RC	705.-	1/12
	2		5SL71028RC	685.-	1/12
	4		5SL71048RC	685.-	1/12
	6		5SL71068RC	610.-	1/12
	10		5SL71108RC	610.-	1/12
	16		5SL71168RC	610.-	1/12
	20		5SL71208RC	610.-	1/12
	25		5SL71258RC	610.-	1/12
	32		5SL71328RC	610.-	1/12
	40		5SL71408RC	1190.-	1/12
	50		5SL71508RC	1190.-	1/12
	63		5SL71638RC	1190.-	1/12
2P, 415V AC	0.5	2	5SL72058RC	2010.-	1/6
	1		5SL72018RC	2010.-	1/6
	2		5SL72028RC	1940.-	1/6
	4		5SL72048RC	1940.-	1/6
	6		5SL72068RC	1490.-	1/6
	10		5SL72108RC	1490.-	1/6
	16		5SL72168RC	1490.-	1/6
	20		5SL72208RC	1490.-	1/6
	25		5SL72258RC	1490.-	1/6
	32		5SL72328RC	1490.-	1/6
	40		5SL72408RC	2745.-	1/6
	50		5SL72508RC	2745.-	1/6
	63		5SL72638RC	2745.-	1/6
3P, 415V AC	0.5	3	5SL73058RC	3090.-	1/4
	1		5SL73018RC	3090.-	1/4
	2		5SL73028RC	2975.-	1/4
	4		5SL73048RC	2975.-	1/4
	6		5SL73068RC	2360.-	1/4
	10		5SL73108RC	2360.-	1/4
	16		5SL73168RC	2360.-	1/4
	20		5SL73208RC	2360.-	1/4
	25		5SL73258RC	2360.-	1/4
	32		5SL73328RC	2360.-	1/4
	40		5SL73408RC	4280.-	1/4
	50		5SL73508RC	4280.-	1/4
	63		5SL73638RC	4280.-	1/4
4P, 415V AC	0.5	4	5SL74058RC	3950.-	1/3
	1		5SL74018RC	3950.-	1/3
	2		5SL74028RC	3810.-	1/3
	4		5SL74048RC	3810.-	1/3
	6		5SL74068RC	3120.-	1/3
	10		5SL74108RC	3120.-	1/3
	16		5SL74168RC	3120.-	1/3
	20		5SL74208RC	3120.-	1/3
	25		5SL74258RC	3120.-	1/3
	32		5SL74328RC	3120.-	1/3
	40		5SL74408RC	5380.-	1/3
	50		5SL74508RC	5380.-	1/3
	63		5SL74638RC	5380.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 40A - 63A: 10kA

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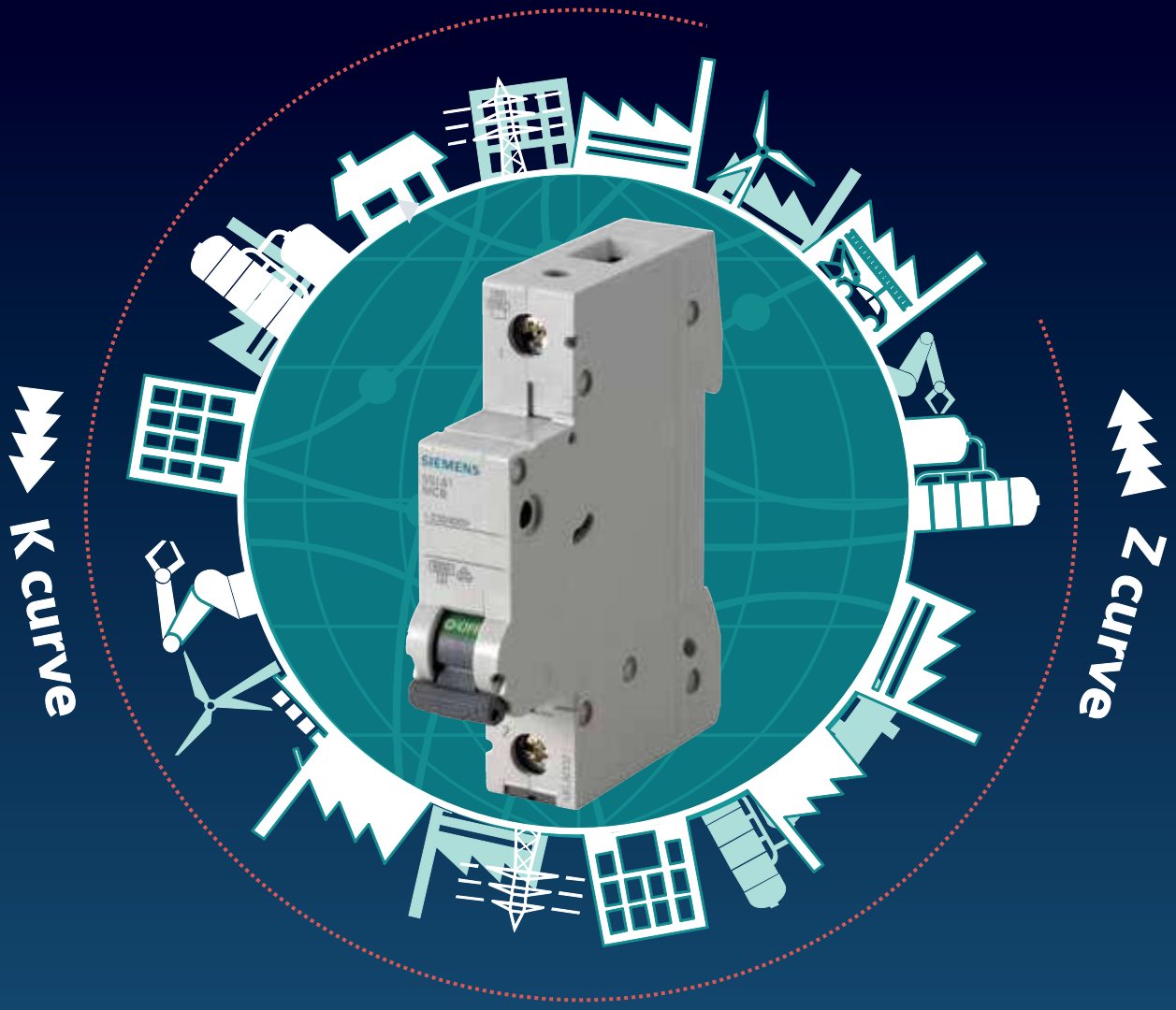

5SL Circuit Breaker - K & Z Curve

"K" Characteristic Trip Curve:

MCB trips instantaneously when the current flowing through it reaches between 10 to 14 times the rated current.

Suitable for inductive and motor loads with high inrush currents; etc

"Z" Characteristic Trip Curve:

MCB trips when the current flowing through it reaches between 2 to 3 times the rated current, highly sensitive to short circuit current

Suitable for the protection of highly sensitive devices such as semiconductor devices,

- In compliance with standards IEC 60947-2
- Range available from 2A – 63A
- Comprehensive features & accessories in line with 5SL MCB
- For protection in Industrial, Infrastructure, Process Automation, Commercial applications

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Betagard Circuit Breakers
5SL7, with K characteristics

L - 7500266715

- **Standards: IS/IEC 60947-2:2016**
- **Voltage: Un 240/415V, 50...60Hz**
- **Breaking capacity (Icu): 15kA[1] as per IS/IEC 60947-2**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	2	1	**5SL71023RC**	**610.-**	**1/12**
	4		**5SL71043RC**	**610.-**	**1/12**
	6		**5SL71063RC**	**545.-**	**1/12**
	10		**5SL71103RC**	**540.-**	**1/12**
	16		**5SL71163RC**	**545.-**	**1/12**
	20		**5SL71203RC**	**540.-**	**1/12**
	25		**5SL71253RC**	**545.-**	**1/12**
	32		**5SL71323RC**	**545.-**	**1/12**
	40		**5SL71403RC**	**960.-**	**1/12**
	63		**5SL71633RC**	**1125.-**	**1/12**
2P, 415V AC	2	2	**5SL72023RC**	**1855.-**	**1/6**
	4		**5SL72043RC**	**1855.-**	**1/6**
	6		**5SL72063RC**	**1720.-**	**1/6**
	10		**5SL72103RC**	**1685.-**	**1/6**
	16		**5SL72163RC**	**1720.-**	**1/6**
	20		**5SL72203RC**	**1685.-**	**1/6**
	25		**5SL72253RC**	**1720.-**	**1/6**
	32		**5SL72323RC**	**1720.-**	**1/6**
	40		**5SL72403RC**	**2080.-**	**1/6**
	63		**5SL72633RC**	**2390.-**	**1/6**
3P, 415V AC	2	3	**5SL73023RC**	**2885.-**	**1/4**
	4		**5SL73043RC**	**2885.-**	**1/4**
	6		**5SL73063RC**	**2640.-**	**1/4**
	10		**5SL73103RC**	**2585.-**	**1/4**
	16		**5SL73163RC**	**2640.-**	**1/4**
	20		**5SL73203RC**	**2585.-**	**1/4**
	25		**5SL73253RC**	**2640.-**	**1/4**
	32		**5SL73323RC**	**2640.-**	**1/4**
	40		**5SL73403RC**	**2940.-**	**1/4**
	63		**5SL73633RC**	**3300.-**	**1/4**
4P, 415V AC	2	4	**5SL74023RC**	**3680.-**	**1/3**
	4		**5SL74043RC**	**3680.-**	**1/3**
	6		**5SL74063RC**	**3475.-**	**1/3**
	10		**5SL74103RC**	**3405.-**	**1/3**
	16		**5SL74163RC**	**3475.-**	**1/3**
	20		**5SL74203RC**	**3405.-**	**1/3**
	25		**5SL74253RC**	**3475.-**	**1/3**
	32		**5SL74323RC**	**3475.-**	**1/3**
	40		**5SL74403RC**	**3795.-**	**1/3**
	63		**5SL74633RC**	**4270.-**	**1/3**

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1] Breaking capacity 40A - 63A: 10kA

Betagard Circuit Breakers
5SL4, with Z characteristics

L - 7500266715

- **Standards: IS/IEC 60947-2:2016**
- **Voltage: Un 240/415V, 50...60Hz**
- **Breaking capacity (Icu): 15kA[1)] as per IS/IEC 60947-2**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	2	1	**5SL41020RC**	**835.-**	**1/12**
	4		**5SL41040RC**	**835.-**	**1/12**
	6		**5SL41060RC**	**656.-**	**1/12**
	10		**5SL41100RC**	**656.-**	**1/12**
	16		**5SL41160RC**	**656.-**	**1/12**
	20		**5SL41200RC**	**656.-**	**1/12**
	25		**5SL41250RC**	**656.-**	**1/12**
	32		**5SL41320RC**	**656.-**	**1/12**
	40		**5SL41400RC**	**865.-**	**1/12**
	63		**5SL41630RC**	**865.-**	**1/12**
2P, 415V AC	2	2	**5SL42020RC**	**1595.-**	**1/6**
	4		**5SL42040RC**	**1595.-**	**1/6**
	6		**5SL42060RC**	**1505.-**	**1/6**
	10		**5SL42100RC**	**1505.-**	**1/6**
	16		**5SL42160RC**	**1505.-**	**1/6**
	20		**5SL42200RC**	**1505.-**	**1/6**
	25		**5SL42250RC**	**1505.-**	**1/6**
	32		**5SL42320RC**	**1505.-**	**1/6**
	40		**5SL42400RC**	**1745.-**	**1/6**
	63		**5SL42630RC**	**1745.-**	**1/6**
3P, 415V AC	2	3	**5SL43020RC**	**2528.-**	**1/4**
	4		**5SL43040RC**	**2528.-**	**1/4**
	6		**5SL43060RC**	**2106.-**	**1/4**
	10		**5SL43100RC**	**2106.-**	**1/4**
	16		**5SL43160RC**	**2106.-**	**1/4**
	20		**5SL43200RC**	**2106.-**	**1/4**
	25		**5SL43250RC**	**2106.-**	**1/4**
	32		**5SL43320RC**	**2106.-**	**1/4**
	40		**5SL43400RC**	**2648.-**	**1/4**
	63		**5SL43630RC**	**2648.-**	**1/4**
4P, 415V AC	2	4	**5SL44020RC**	**2738.-**	**1/3**
	4		**5SL44040RC**	**2738.-**	**1/3**
	6		**5SL44060RC**	**2378.-**	**1/3**
	10		**5SL44100RC**	**2378.-**	**1/3**
	16		**5SL44160RC**	**2378.-**	**1/3**
	20		**5SL44200RC**	**2378.-**	**1/3**
	25		**5SL44250RC**	**2378.-**	**1/3**
	32		**5SL44320RC**	**2378.-**	**1/3**
	40		**5SL44400RC**	**2985.-**	**1/3**
	63		**5SL44630RC**	**2985.-**	**1/3**

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SY4, with C characteristics

- Standards: IS/IEC 60947-2:2016
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity (Icu): 15kA[1)] as per IS/IEC 60947-2

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1Pole	80A	1	5SY41807CC	4875.-	1/1
	2Pole		2	5SY42807CC	9585.-	1/1
	3Pole		3	5SY43807CC	14960.-	1/1
	4Pole		4	5SY44807CC	21430.-	1/1

Betagard Miniature Circuit Breakers
5SP4, with C/D characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V
- Breaking capacity: 10kA as per IS/IEC 60898-1:2002
- With ISI marking: CM/L No. 2255548

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	80 100 125	1.5	5SP41807RC 5SP41917RC 5SP41927RC	4285.- 4520.- 5130.-	1/10 1/10 1/10
	2-pole	80 100 125	3	5SP42807RC 5SP42917RC 5SP42927RC	8415.- 8870.- 10040.-	1/5 1/5 1/5
	3-pole	80 100 125	4.5	5SP43807RC 5SP43917RC 5SP43927RC	13140.- 13485.- 15455.-	1/1 1/1 1/1
	4-pole	80 100 125	6	5SP44807RC 5SP44917RC 5SP44927RC	18845.- 19390.- 22075.-	1/1 1/1 1/1

D characteristic

	1-pole	80 100	1.5	5SP41808RC 5SP41918RC	4720.- 4950.-	1/10 1/10
	2-pole	80 100	3	5SP42808RC 5SP42918RC	9475.- 10045.-	1/5 1/5
	3-pole	80 100	4.5	5SP43808RC 5SP43918RC	14595.- 14745.-	1/1 1/1
	4-pole	80 100	6	5SP44808RC 5SP44918RC	20530.- 21055.-	1/1 1/1

Note:
* MRP - Maximum Retail Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SL5, DC with C Characteristics

- **Standards: IS/IEC 60947-2:2016**
- **Voltage: 220V DC/1P & 440V DC/2P ^**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 220V DC	0.5	1	5SL51057RC	1020.-	1/12
	1		5SL51017RC	1020.-	1/12
	2		5SL51027RC	1095.-	1/12
	3		5SL51037RC	1150.-	1/12
	4		5SL51047RC	1095.-	1/12
	6		5SL51067RC	930.-	1/12
	8		5SL51087RC	985.-	1/12
	10		5SL51107RC	930.-	1/12
	16		5SL51167RC	930.-	1/12
	20		5SL51207RC	930.-	1/12
	25		5SL51257RC	930.-	1/12
	32		5SL51327RC	930.-	1/12
	40		5SL51407RC	1395.-	1/12
	50		5SL51507RC	1395.-	1/12
	63		5SL51637RC	1395.-	1/12
2P, 440V DC	0.5	2	5SL52057RC	2215.-	1/6
	1		5SL52017RC	2215.-	1/6
	2		5SL52027RC	2215.-	1/6
	3		5SL52037RC	2320.-	1/6
	4		5SL52047RC	2215.-	1/6
	6	■	5SL52067RC	1940.-	1/6
	8		5SL52087RC	2035.-	1/6
	10	■	5SL52107RC	1940.-	1/6
	16	■	5SL52167RC	1940.-	1/6
	20		5SL52207RC	1940.-	1/6
	25		5SL52257RC	1940.-	1/6
	32		5SL52327RC	1940.-	1/6
	40		5SL52407RC	2870.-	1/6
	50		5SL52507RC	2870.-	1/6
	63		5SL52637RC	2870.-	1/6

■ Stock items

^ For connection diagram, contact Siemens Sales Office for further details.

• Also available DC Circuit Breakers for Solar applications - contact Siemens sales office for further details.

Betagard Isolators 5TL1

- **Standard: IS/IEC 60947-3**
- **Voltage: 440V AC**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
2-pole	40	2	5TL12400	955.-	1/1
	63		5TL12630	1255.-	1/1
	80		5TL12800	1645.-	1/1
	100		5TL12910	2090.-	1/1
	125		5TL12920	2180.-	1/1
3-pole	40	3	5TL13400	1775.-	1/1
	63		5TL13630	1990.-	1/1
	80		5TL13800	2405.-	1/1
	100		5TL13910	2530.-	1/1
	125		5TL13920	2730.-	1/1
4-pole	40	4	5TL14400	2080.-	1/1
	63		5TL14630	2370.-	1/1
	80		5TL14800	2850.-	1/1
	100		5TL14910	3425.-	1/1
	125		5TL14920	3710.-	1/1

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SL5, 4-pole DC with C Characteristics

- **Standards: IS/IEC 60947-2:2016**
- **Voltage: 880V DC/4P ^**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
4P, 880V DC[1)]	6	4	**5SL54067RC**	**3920.-**	**1/3**
	10		**5SL54107RC**	**3920.-**	**1/3**
	16		**5SL54167RC**	**3920.-**	**1/3**
	25		**5SL54257RC**	**4170.-**	**1/3**
	32		**5SL54327RC**	**4170.-**	**1/3**
	40		**5SL54407RC**	**4905.-**	**1/3**
	63		**5SL54637RC**	**5145.-**	**1/3**

1) Maximum operational voltage 1000V DC

^ For connection diagram, contact Siemens Sales Office for further details.

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

SIEMENS

Celebrate Life, while we Care.

Betagard 5SV
Residual Current Circuit Breakers

In the event of a fault, residual current protective devices reliably disconnect power to protect humans

Fault protection

"Protection against indirect contact"

Protects people in the event of contact with electrically conductive parts, if a risk exists as a result of a fault due to the magnitude or duration of the touch voltage

Additional protection

"Protection in case of direct contact" with $I_{\Delta n}$ = 30mA

Protects individuals if they come in direct contact with an active live part under normal operating condition

Fire protection

"Protection from insulation faults" with $I_{\Delta n}$ = 300mA

For the prevention of fires which can be caused by insulation faults in locations exposed to fire hazards

Surge current withstand capability

"Protection surge currents" with 8/20µs >1000 Amp

For Type "A" have a surge current capability to avoid nuisance tripping

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Betagard Residual Current Circuit Breakers 5SV

IS 12640 Part 1
CM/L No. 7676092

- **Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012**
- **Voltage: 240/415V AC, 50Hz**
- **With ISI marking: CM/L No. 7676092**

Type AC, applicable in networks for AC residual currents

		Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	4525.-	1
		100	25		5SV44120RC	4725.-	1
		300	25		5SV46120RC	4885.-	1
		30	40		■ 5SV43140RC	5305.-	1
		100	40		5SV44140RC	5540.-	1
		300	40		5SV46140RC	5750.-	1
		30	63		■ 5SV43160RC	7095.-	1
		100	63		5SV44160RC	7145.-	1
		300	63		5SV46160RC	7595.-	1
		30	80		5SV43170RC	10965.-	1
		100	80		5SV44170RC	11405.-	1
		300	80		5SV46170RC	11405.-	1
	4 Pole	30	25	4	■ 5SV43420RC	6065.-	1
		100	25		5SV44420RC	6285.-	1
		300	25		5SV46420RC	6515.-	1
		30	40		■ 5SV43440RC	6130.-	1
		100	40		5SV44440RC	6370.-	1
		300	40		5SV46440RC	6615.-	1
		30	63		■ 5SV43460RC	7145.-	1
		100	63		5SV44460RC	7430.-	1
		300	63		5SV46460RC	7695.-	1
		30	80		5SV43470RC	10965.-	1
		100	80		5SV44470RC	11405.-	1
		300	80		5SV46470RC	11405.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	2 Pole	30	25	2	5SV33126RC	8275.-	1
		100	25		5SV34126RC	9755.-	1
		300	25		5SV36126RC	9755.-	1
		30	40		5SV33146RC	9385.-	1
		100	40		5SV34146RC	9775.-	1
		300	40		5SV36146RC	9775.-	1
		30	63		5SV33166RC	13650.-	1
		100	63		5SV34166RC	14035.-	1
		300	63		5SV36166RC	13365.-	1
		30	80		5SV33176RC	14680.-	1
		100	80		5SV34176RC	15790.-	1
		300	80		5SV36176RC	15035.-	1
	4 Pole	30	25	4	5SV33426RC	9810.-	1
		100	25		5SV34426RC	12110.-	1
		300	25		5SV36426RC	12110.-	1
		30	40		5SV33446RC	10940.-	1
		100	40		5SV34446RC	12225.-	1
		300	40		5SV36446RC	12110.-	1
		30	63		5SV33466RC	12380.-	1
		100	63		5SV34466RC	12295.-	1
		300	63		5SV36466RC	12295.-	1
		30	80		5SV33476RC	14880.-	1
		100	80		5SV34476RC	15790.-	1
		300	80		5SV36476RC	15035.-	1

■ Stock items

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

SENTRON 5SM2
Residual Current Units

RC Units suitable with 5SL7..RC MCBs for complete protection from Residual current, Over load and Short circuit faults

Wide portfolio catering to various applications

Easy and Fast Installation

Confirming to
- IEC/EN 61009-1
- IEC/EN 61009-2-1
- IEC/EN 61543

Reduced Inventory with range up to 63A in two variants only

RoHS compliant

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SENTRON Residual Current Units 5SM2

- **Standards: In accordance with IEC/EN 61009-1 (VDE 0664-20), IEC/EN 61009-2-1 (VDE 0664-21), IEC/EN 61543 (VDE 0664-30)**
- **Voltage: 240/415V AC, 50Hz**

Type AC, applicable in networks for AC residual currents

	Number of poles	Mounting width MW#	Rated residual current IΔn [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21210RC	4275.-	1
			30	40	2- 40	■ 5SM23220RC	3785.-	1
				63	2- 63	5SM23250RC	6220.-	1
			100	40	2- 40	5SM24220RC	4670.-	1
				63	2- 63	5SM24250RC	6775.-	1
			300	40	2- 40	■ 5SM26220RC	3765.-	1
				63	2- 63	5SM26250RC	6070.-	1
	3	3	30	40	2- 40	5SM23320RC	4260.-	1
				63	2- 63	5SM23350RC	6420.-	1
			100	40	2- 40	5SM24320RC	5080.-	1
				63	2- 63	5SM24350RC	6995.-	1
			300	40	2- 40	5SM26320RC	5305.-	1
				63	2- 63	5SM26350RC	7155.-	1
	4	3	30	40	2- 40	■ 5SM23420RC	4630.-	1
				63	2- 63	■ 5SM23450RC	6005.-	1
			100	40	2- 40	5SM24420RC	5410.-	1
				63	2- 63	5SM24450RC	6265.-	1
			300	40	2- 40	5SM26420RC	5630.-	1
				63	2- 63	5SM26450RC	6425.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	Number of poles	Mounting width MW#	Rated residual current IΔn [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21216RC	4350.-	1
			30	40	2- 40	5SM23226RC	3795.-	1
				63	2- 63	5SM23256RC	6460.-	1
			100	40	2- 40	5SM24226RC	5080.-	1
				63	2- 63	5SM24256RC	5735.-	1
			300	40	2- 40	5SM26226RC	5305.-	1
				63	2- 63	5SM26256RC	5955.-	1
	3	3	30	40	2- 40	5SM23326RC	4305.-	1
				63	2- 63	5SM23356RC	6590.-	1
			100	40	2- 40	5SM24326RC	5140.-	1
				63	2- 63	5SM24356RC	7170.-	1
			300	40	2- 40	5SM26326RC	5355.-	1
				63	2- 63	5SM26356RC	7335.-	1
	4	3	30	40	2- 40	5SM23426RC	5170.-	1
				63	2- 63	5SM23456RC	6160.-	1
			100	40	2- 40	5SM24426RC	5615.-	1
				63	2- 63	5SM24456RC	6425.-	1
			300	40	2- 40	5SM26426RC	5850.-	1
				63	2- 63	5SM26456RC	6595.-	1

■ Stock items

Note: * LP - List Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Note: To be used along with 5SL7..RC MCBs. MCBs to be ordered separately.
For MCB prices, refer Page no. 8 & 9 from this pricelist.

Accessories for Remote control mechanism units for 5SM2 RC Units

Remote control mechanism unit:
Adapter- Mount-on device for combination of RC Units 5SM2..RC and MCBs 5SL7..RC.

Item Description	Mounting width MW#	Reference No	Std. Pkg.** (Nos.)
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 **For 2P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-6**	**1**
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 **For 3P & 4P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-7**	**1**
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 **For 2P-** 230 V AC	2	**5ST3820-3 + 5ST3820-6**	**1**
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 **For 3P & 4P-** 230 V AC	2	**5ST3820-3 + 5ST3820-7**	**1**
RC Mech. Power- 5ST3070 **For 2P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-6**	**1**
RC Mech. Power- 5ST3070 **For 3P & 4P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-7**	**1**

*- Auto Reclose Device

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Note: All accessories can be mounted on the right-hand side of the RC Unit+MCB assembled device.

Note: For pricing details of above mentioned MLFBs and for other 5SM2 accessories, Pl refer Page No. 26 of this Pricelist.

Betagard Residual Current Breaker Operators
5SU1, 10kA

IS 12640 Part 2
CM/L No. 7676193

- **Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012**
- **Voltage: 240/415V AC, 50Hz**
- **With ISI marking: CM/L No. 7676193**

Type AC, with C Characteristics (in 2 module size)$

	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
240V AC; 50Hz; 2 pole[1)]	30	6	2	5SU13541RC06	7910.-	1
	30	10		5SU13541RC10	7910.-	1
	30	16		5SU13541RC16	7910.-	1
	30	20		5SU13541RC20	7910.-	1
	30	25		5SU13541RC25	7910.-	1
	30	32		5SU13541RC32	8305.-	1
	30	40		5SU13541RC40	9815.-	1
	300	6		5SU16541RC06	8050.-	1
	300	10		5SU16541RC10	8050.-	1
	300	16		5SU16541RC16	8050.-	1
	300	20		5SU16541RC20	8050.-	1
	300	25		5SU16541RC25	8050.-	1
	300	32		5SU16541RC32	8470.-	1
	300	40		5SU16541RC40	10010.-	1

Type AC with C characteristic

240V AC; 50Hz; 2 pole	30	32	4	5SU13241RC32	8735.-	1
		40		5SU13241RC40	10175.-	1
		63		5SU13241RC63	11825.-	1
	100	32		5SU14241RC32	9640.-	1
		40		5SU14241RC40	10835.-	1
		63		5SU14241RC63	12630.-	1
	300	32		5SU16241RC32	9735.-	1
		40		5SU16241RC40	10940.-	1
		63		5SU16241RC63	12630.-	1
415V AC; 50Hz; 4 pole	30	32	7	5SU13441RC32	11665.-	1
		40		5SU13441RC40	11875.-	1
		63		5SU13441RC63	14095.-	1
	100	32		5SU14441RC32	11810.-	1
		40		5SU14441RC40	12035.-	1
		63		5SU14441RC63	13835.-	1
	300	32		5SU16441RC32	11905.-	1
		40		5SU16441RC40	12135.-	1
		63		5SU16441RC63	13965.-	1

Type AC with D characteristic

240V AC; 50Hz; 2 pole	30	32	4	5SU13242RC32	11265.-	1
		40		5SU13242RC40	12340.-	1
		63		5SU13242RC63	14875.-	1
	100	32		5SU14242RC32	13630.-	1
		40		5SU14242RC40	14920.-	1
		63		5SU14242RC63	17035.-	1
	300	32		5SU16242RC32	13320.-	1
		40		5SU16242RC40	14920.-	1
		63		5SU16242RC63	17060.-	1
415V AC; 50Hz; 4 pole	30	32	7	5SU13442RC32	15425.-	1
		40		5SU13442RC40	15655.-	1
		63		5SU13442RC63	18570.-	1
	100	32		5SU14442RC32	16695.-	1
		40		5SU14442RC40	17440.-	1
		63		5SU14442RC63	19340.-	1
	300	32		5SU16442RC32	16495.-	1
		40		5SU16442RC40	17610.-	1
		63		5SU16442RC63	18935.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm [1)] 1P+N variant

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Betagard Residual Current Breaker Operators
5SU1, 10kA

IS 12640 Part 2
CM/L No. 7676193

- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

Type A, with C Characteristics (in 2 module size)$

	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
240V AC; 50Hz; 2 pole[1)]	30	6	2	5SU13547RC06	14450.-	1
	30	10		5SU13547RC10	14450.-	1
	30	16		5SU13547RC16	14450.-	1
	30	20		5SU13547RC20	14450.-	1
	30	25		5SU13547RC25	14450.-	1
	30	32		5SU13547RC32	15105.-	1
	30	40		5SU13547RC40	18270.-	1
	300	6		5SU16547RC06	14875.-	1
	300	10		5SU16547RC10	14875.-	1
	300	16		5SU16547RC16	14875.-	1
	300	20		5SU16547RC20	14875.-	1
	300	25		5SU16547RC25	14875.-	1
	300	32		5SU16547RC32	15470.-	1
	300	40		5SU16547RC40	18655.-	1

Type A with C characteristic

240V AC; 50Hz; 2 pole	30	32	4	5SU13247RC32	15825.-	1
		40		5SU13247RC40	17410.-	1
		63		5SU13247RC63	19695.-	1
	100	32		5SU14247RC32	16885.-	1
		40		5SU14247RC40	18760.-	1
		63		5SU14247RC63	21315.-	1
	300	32		5SU16247RC32	16885.-	1
		40		5SU16247RC40	18760.-	1
		63		5SU16247RC63	21315.-	1
415V AC; 50Hz; 4 pole	30	32	7	5SU13447RC32	19370.-	1
		40		5SU13447RC40	20170.-	1
		63		5SU13447RC63	23075.-	1
	100	32		5SU14447RC32	20790.-	1
		40		5SU14447RC40	21180.-	1
		63		5SU14447RC63	23675.-	1
	300	32		5SU16447RC32	20790.-	1
		40		5SU16447RC40	21545.-	1
		63		5SU16447RC63	24045.-	1

Type A with D characteristic

240V AC; 50Hz; 2 pole	30	32	4	5SU13248RC32	18465.-	1
		40		5SU13248RC40	20840.-	1
		63		5SU13248RC63	23710.-	1
	100	32		5SU14248RC32	19865.-	1
		40		5SU14248RC40	22095.-	1
		63		5SU14248RC63	25175.-	1
	300	32		5SU16248RC32	19865.-	1
		40		5SU16248RC40	22095.-	1
		63		5SU16248RC63	25175.-	1
415V AC; 50Hz; 4 pole	30	32	7	5SU13448RC32	22860.-	1
		40		5SU13448RC40	23145.-	1
		63		5SU13448RC63	27300.-	1
	100	32		5SU14448RC32	24080.-	1
		40		5SU14448RC40	25730.-	1
		63		5SU14448RC63	28015.-	1
	300	32		5SU16448RC32	24080.-	1
		40		5SU16448RC40	25730.-	1
		63		5SU16448RC63	28020.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm [1)] 1P+N variant

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL Isolators, 5SV RCCBs, 5SM2 RC Units and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3010	1685.-	12
	2NO	5ST3011	1720.-	1
	2NC	5ST3012	1720.-	1
	1CO	5ST3016	2725.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3020	2475.-	1
	2NO	5ST3021	2520.-	1
	2NC	5ST3022	2520.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	110...415V AC	5ST3030	6950.-	1/5
	24...48V DC	5ST3031	6950.-	1/5
	Auxiliary and fault signal changeover contact (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)	5ST3062	8020.-	1
	Auxiliary switch - 1CO Fault contact - 1CO			
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	With integrated aux. switch			
	230V AC	5ST3040	9330.-	1/5
	110V DC	5ST3041	9330.-	1/5
	24V DC	5ST3042	9330.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043	9330.-	1/5
	110V DC	5ST3044	9330.-	1/5
	24V DC	5ST3045	9330.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL, 5SY, 5TL1 and 5SU1 (1P+N only)			
	(12-30)V AC & (12-48)V DC, 1.5MW	5ST3053	41625.-	1
	230V AC, 2MW	5ST3054	41625.-	1
	Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3055	70440.-	1
	230V AC, 2MW	5ST3056	70440.-	1
	Power version for 5SM2 (12-30)V AC & (12-48)V DC, 2MW	5ST3070	82195.-	1
	Auto Reclose Device Version for 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3057	82195.-	1
	230V AC, 2MW	5ST3058	79075.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P	5ST38206	880.-	1
	For 5SL - 3P & 4P and 5SM2 - 3P & 4P	5ST38207	880.-	1
	For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	880.-	1
	For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	880.-	1
	For 5SU1 - 2P, 2M	5ST38205	880.-	1
	^ Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter	5ST38203	1915.-	1
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	865.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	820.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	555.-	5
	Handle connector for 2P, 2M 5SU1 RCBO$ (1set = 5 units in poly bag)	5ST38051	1725.-	1

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators $$	5ST38140RC	3095.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only $$ Not suitable for 1P variants

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SINOVA Opulenz

Multitasking switches for multitasking homes.

Elegant
finishes to enhance the look of your home.

Premium colours and textures
to complement modern finishes on your walls.

Antibacterial switches
for a safe home.

ISI certified
for assured safety.

Environment friendly
RoHS compliant switches.

Comprehensive communication range
type tested as per standards ensuring higher reliability.

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When homes and offices multitask as online classrooms, home offices, private theaters and more, the Opulenz range multitasks to help you make the most of them. SINOVA Opulenz is a complete range of new age sockets, HDMI receptors, LAN ports, regulators and dimmers in seven exciting colours and two natural textures.

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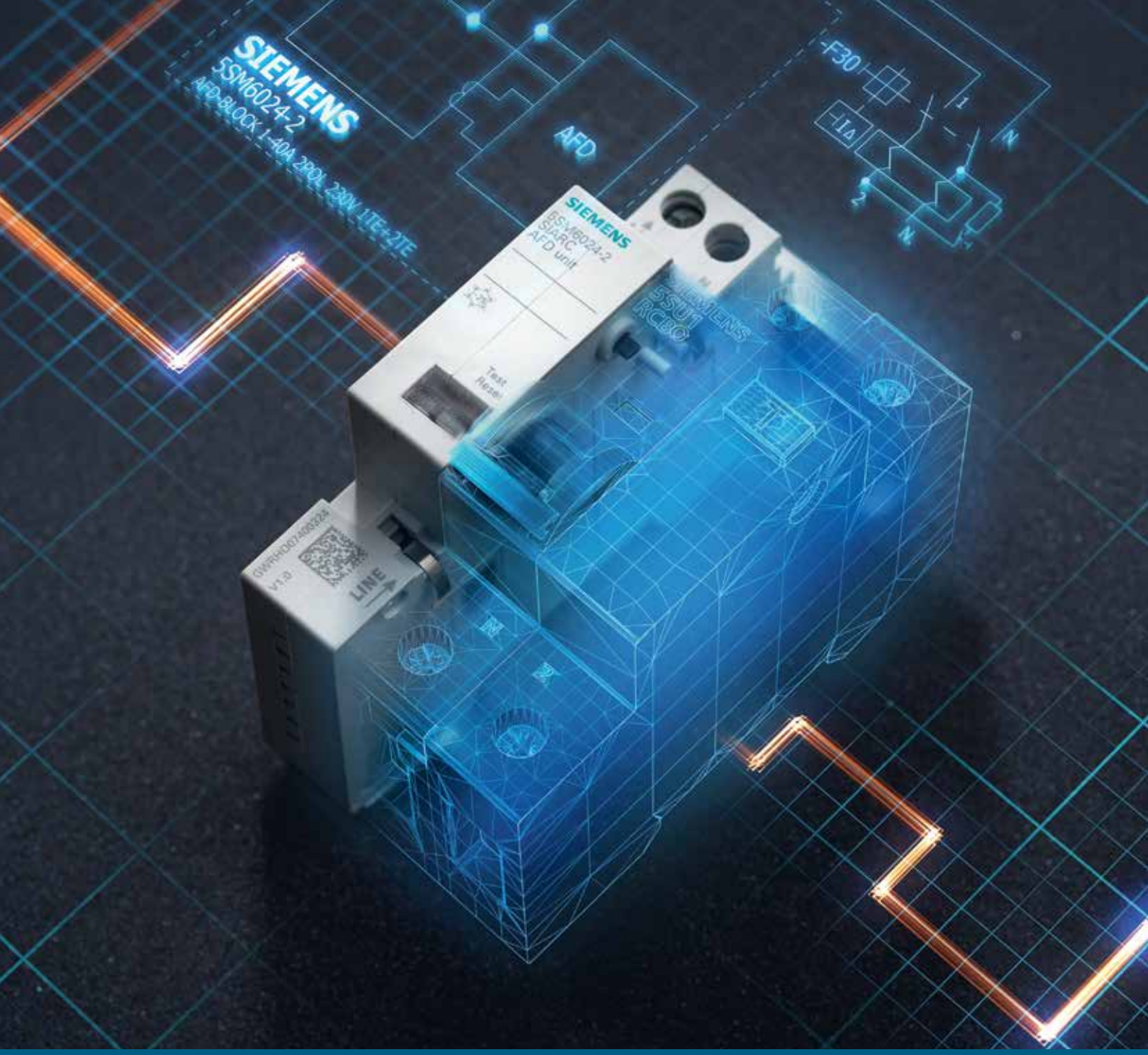

Arc Fault Detection Device

It's Time to Act Now!

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.

A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

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The smart solution.

Whether in an existing plant or a new installation – the 5SV6 AFDD and 5SM6 AFD unit can be deployed in any distribution board. It quickly identifies dangerous faults caused by parallel or serial arcing faults and switches off before a fire occurs. The AFDD detects operational arcing faults and only trips in the event of an actual fault.

55V6 AFDDs with Integrated MCB & RCBO in 18mm width

	Rating	With integrated MCB		With integrated RCBO	Unit LP* ₹	Std. Pkg.** (Nos.)
		B characteristic	C characteristic	30mA, Type A, C characteristic		
	6A	5SV60166KK06	5SV60167KK06	5SV63167KK06	Price on Request	1
	10A	5SV60166KK10	5SV60167KK10	5SV63167KK10		
	13A	5SV60166KK13	5SV60167KK13	5SV63167KK13		
	16A	5SV60166KK16	5SV60167KK16	5SV63167KK16		
	20A	5SV60166KK20	5SV60167KK20	5SV63167KK20		
	25A	5SV60166KK25	5SV60167KK25	5SV63167KK25		
	32A	5SV60166KK32	5SV60167KK32	5SV63167KK32		
	40A	5SV60166KK40	5SV60167KK40	5SV63167KK40		

5SM6 AFDD with integrated MCB

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	2	5SM60111XX02	AFDD 16A, 230V, 2MW (Integrated with 1MW, 1+N, 16A MCB)	Price on Request	1

5SM6 AFD units (Suitable for add on with RCBO)

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	3	5SM60212	AFD Unit 1-16A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	Price on Request	1
	40A	3	5SM60242	AFD Unit 1-40A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)		

* LP - List Price

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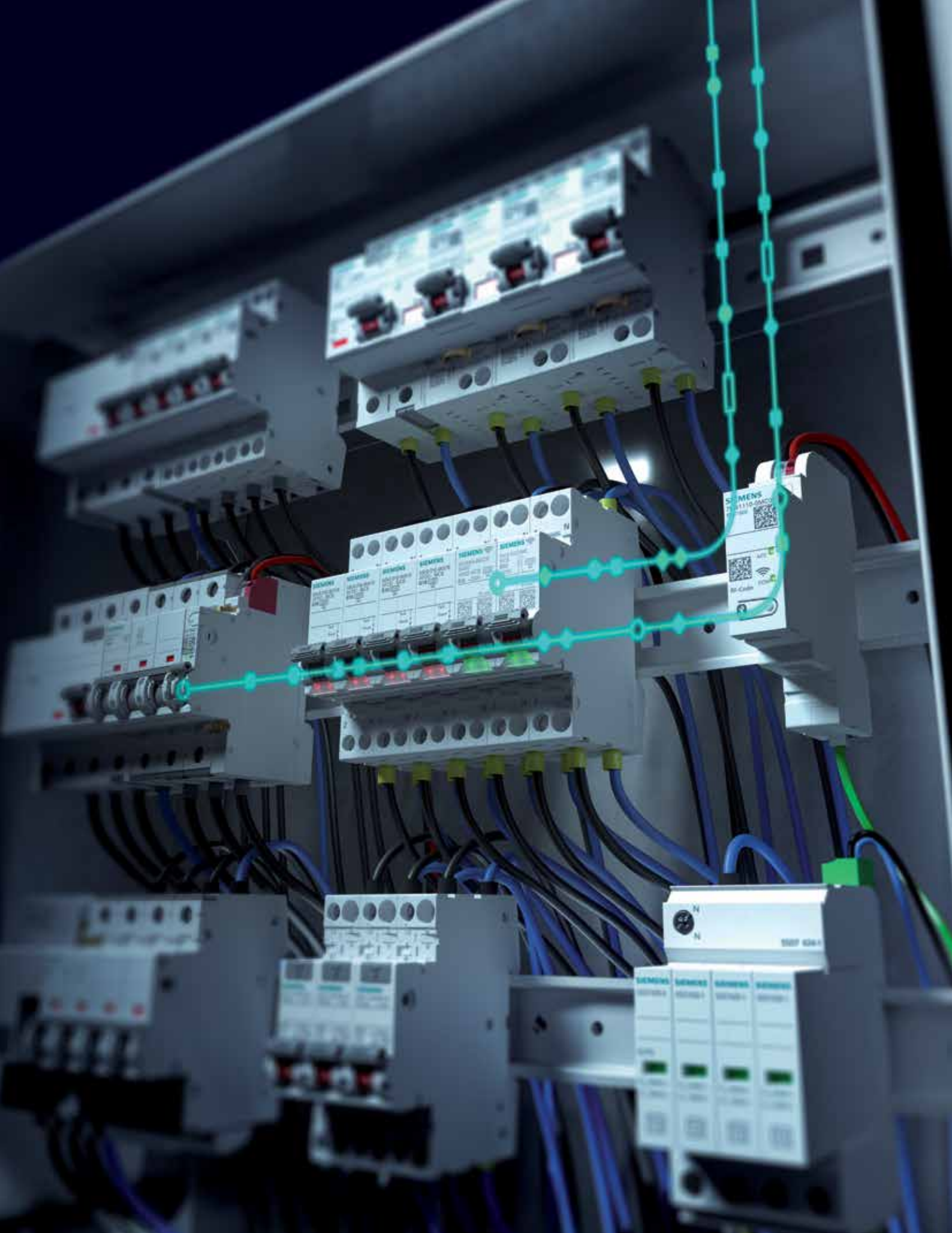
SENTRON
Circuit protection devices
with measuring and communication function

SENTRON Powercenter 1000 data transceiver

SENTRON 5SV6 COM AFDD/MCB



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SENTRON AFDD COM
5SV6

	Rating	With integrated MCB		Unit LP* ₹	Std. Pkg.** (Nos.)
		B characteristic	C characteristic		
	6 A	5SV60166MC06	5SV60167MC06	Price on Request	1
	10 A	5SV60166MC10	5SV60167MC10		
	13 A	5SV60166MC13	5SV60167MC13		
	16 A	5SV60166MC16	5SV60167MC16		
	20 A	5SV60166MC20	5SV60167MC20		
	25 A	5SV60166MC25	5SV60167MC25		
	32 A	5SV60166MC32	5SV60167MC32		

SENTRON Powercenter 1000
7KN

	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	7KN11100MC00	Powercenter1000 max. 24 SENTRON COM devices Modbus TCP Bluetooth Power supply DC 24V	Price on Request	1

* LP - List Price

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Applications:

Operating hours counter

The values measured by the installation device provide information on the electrical consumer's (e.g., an LED) exact operating time allowing for optimized maintenance.

Fault monitoring

A decline of electrical current, voltage or temperature below normal values may hint at a failure of the electrical consumer. An increased electrical current may indicate a defect of connected equipment.

Load management

When a certain number of electrical consumers is active, additional devices cannot be switched on. This prevents current peaks.

Function monitoring

The measured values indicate the execution of an activity by the electrical consumer (e.g., automatic feeders in livestock farming).

SEAMLESS POWER TRANSITIONS, SAFEGUARDING YOUR ENERGY NEEDS

5TR4 Automatic Changeover Current Limiter

Effortlessly manage power transitions with our 5TR4 ACCL, ensuring seamless operations and preventing electrical overload.

Key Features

- Heavy Duty- Conforms to utilization category AC32A (IEC 60947-6-1)
- High Endurance Cycle -Ensuring efficient and long life of your ACCL
- Safe during Short circuits - Iq short circuit of 5kA
- Warning & Alerts - Overload indication via LED & Beep
- Standard compliant Product conforms to IEC 60947-6-1
- Low Power consumption - Coil operates only during backup supply

For more information-Please contact your nearest Siemens Sales Office.

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Betagard 8GB Distribution Boards

Perfect blend of beauty and features with assured performance

- Complete range for Residential, Commercial and Industrial Infrastructures
- DBs offer latest design with highest aesthetic appeal
- DBs available with type testing as per the latest applicable standards
- User friendly design offers ease during maintenance and assists the installer for correct installation

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Betagard Distribution Boards
8GB32 # SPN and TPN DBs

- Type Tested as per IEC 61439 Standards at third party and internal test laboratories
- Available in IP 20 and IP 43 Versions
- Single Door, Metal Double Door and Acrylic Double Door options available
- Standard Wire Way Boxes available for all Single Door and Double Door DBs
- Additional safety with Insulated Shorting Links, Shrouded Neutral Links and Door Earthing
- TPN DBs can be easily made suitable for PPI configuration using TPN to PPI Conversion Kits
- Detachable DIN rail assembly and intermittent door facilitates ease in Wiring during installation and maintenance
- DBs are subjected to Seven tank process and treated with premium quality powder coating
- Cement Masking Sheet protects the DBs against extreme site conditions

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Metal Enclosures, IP20:							
	1 Module	–	–	1	8GB32100RC01	960.-	1/20
	2 Module	–	–	2	8GB32100RC02	1430.-	1/20
	3 Module	–	–	3	8GB32100RC03	1430.-	1/20
	4 Module	–	–	4	8GB32100RC04	1430.-	1/20
	6 Module	–	–	6	8GB32100RC06	1885.-	1/20
	8 Module	–	–	8	8GB32100RC08	2220.-	1/10
SPN Single Door DBs#, IP20:							
	6 Module	2	4	6	8GB32101RC06	2825.-	1
	8 Module	2	6	8	8GB32101RC08	3000.-	1
	10 Module	2	8	10	8GB32101RC10	3610.-	1
	12 Module	2	10	12	8GB32101RC12	3740.-	1
	14 Module	2	12	14	8GB32101RC14	4225.-	1
	16 Module	2	14	16	8GB32101RC16	4555.-	1
SPN Metal Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32102RC06	4410.-	1
	8 Module	2	6	8	8GB32102RC08	4580.-	1
	10 Module	2	8	10	8GB32102RC10	5330.-	1
	12 Module	2	10	12	8GB32102RC12	5470.-	1
	14 Module	2	12	14	8GB32102RC14	6380.-	1
	16 Module	2	14	16	8GB32102RC16	6535.-	1
SPN Acrylic Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32103RC06	5180.-	1
	8 Module	2	6	8	8GB32103RC08	5470.-	1
	10 Module	2	8	10	8GB32103RC10	6380.-	1
	12 Module	2	10	12	8GB32103RC12	6845.-	1
	14 Module	2	12	14	8GB32103RC14	7145.-	1
	16 Module	2	14	16	8GB32103RC16	7450.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	–	–	–	8GB32106RC06	1860.-	1/5
	For 8 MOD SPN Single door DB	–	–	–	8GB32106RC08	1860.-	1/5
	For 10 MOD SPN Single door DB	–	–	–	8GB32106RC10	2005.-	1/5
	For 12 MOD SPN Single door DB	–	–	–	8GB32106RC12	2005.-	1/5
	For 14 MOD SPN Single door DB	–	–	–	8GB32106RC14	2310.-	1/5
	For 16 MOD SPN Single door DB	–	–	–	8GB32106RC16	2310.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	–	–	–	8GB32107RC06	2005.-	1/5
	For 8 MOD SPN Double door DB	–	–	–	8GB32107RC08	2005.-	1/5
	For 10 MOD SPN Double door DB	–	–	–	8GB32107RC10	2175.-	1/5
	For 12 MOD SPN Double door DB	–	–	–	8GB32107RC12	2175.-	1/5
	For 14 MOD SPN Double door DB	–	–	–	8GB32107RC14	2765.-	1/5
	For 16 MOD SPN Double door DB	–	–	–	8GB32107RC16	2765.-	1/5

Note: * MRP - Maximum Retail Price # Also available in flat door option
For Customized Solutions in Distribution Boards please Contact our sales Office
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Distribution Boards
8GB32 # SPN and TPN DBs

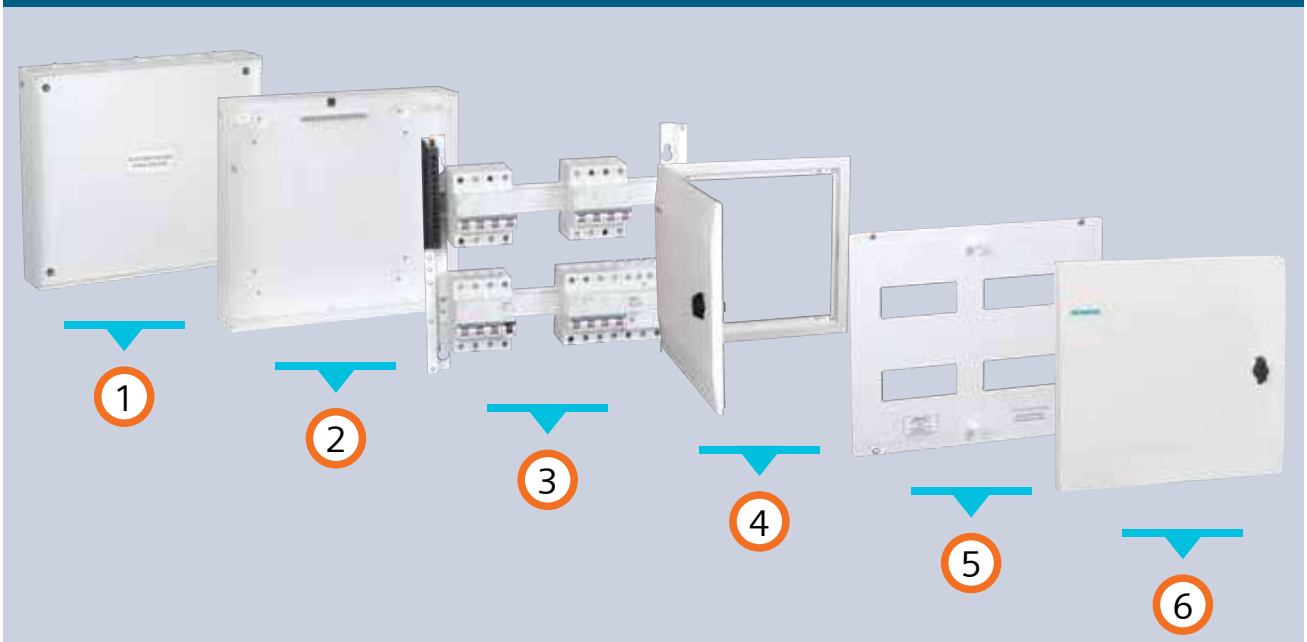
	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Single Door DBs#, IP20:							
	4 way	8	12	20	8GB32201RC04	7300.-	1
	6 way	8	18	26	8GB32201RC06	8290.-	1
	8 way	8	24	32	8GB32201RC08	10005.-	1
	10 way	8	30	38	8GB32201RC10	14515.-	1
	12 way	8	36	44	8GB32201RC12	14825.-	1
	14 way	8	42	50	8GB32201RC14	17000.-	1
	16 way	8	48	56	8GB32201RC16	17635.-	1
TPN Metal Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32202RC04	8915.-	1
	6 way	8	18	26	8GB32202RC06	10780.-	1
	8 way	8	24	32	8GB32202RC08	12955.-	1
	10 way	8	30	38	8GB32202RC10	18715.-	1
	12 way	8	36	44	8GB32202RC12	19180.-	1
	14 way	8	42	50	8GB32202RC14	22765.-	1
	16 way	8	48	56	8GB32202RC16	23410.-	1
TPN Acrylic Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32203RC04	10780.-	1
	6 way	8	18	26	8GB32203RC06	13270.-	1
	8 way	8	24	32	8GB32203RC08	15915.-	1
	10 way	8	30	38	8GB32203RC10	20760.-	1
	12 way	8	36	44	8GB32203RC12	24160.-	1
	14 way	8	42	50	8GB32203RC14	25880.-	1
	16 way	8	48	56	8GB32203RC16	27620.-	1
TPN to PPI Conversion Kit@							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	5625.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	6560.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	6725.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	7180.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	7665.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	8110.-	1/5
Wire Way Box For TPN Single Door IP 20 DBs							
	For 4 Way TPN Single door DB	–	–	–	8GB32206RC04	2375.-	1/5
	For 6 Way TPN Single door DB	–	–	–	8GB32206RC06	2375.-	1/5
	For 8 Way TPN Single door DB	–	–	–	8GB32206RC08	4240.-	1/5
	For 10 Way TPN Single door DB	–	–	–	8GB32206RC10	5330.-	1/5
	For 12 Way TPN Single door DB	–	–	–	8GB32206RC12	5480.-	1/5
	For 14 Way TPN Single door DB	–	–	–	8GB32206RC14	5625.-	1/5
	For 16 Way TPN Single door DB	–	–	–	8GB32206RC16	5960.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	–	–	–	8GB32207RC04	2520.-	1/5
	For 6 Way TPN Double door DB	–	–	–	8GB32207RC06	2845.-	1/5
	For 8 Way TPN Double door DB	–	–	–	8GB32207RC08	4535.-	1/5
	For 10 Way TPN Double door DB	–	–	–	8GB32207RC10	4860.-	1/5
	For 12 Way TPN Double door DB	–	–	–	8GB32207RC12	5960.-	1/5
	For 14 Way TPN Double door DB	–	–	–	8GB32207RC14	6260.-	1/5
	For 16 Way TPN Double door DB	–	–	–	8GB32207RC16	6435.-	1/5

Note: * MRP - Maximum Retail Price
@ Contains required accessories to Make the DB suitable for PPI Configuration
For Customized Solutions in Distribution Boards please Contact our sales Office
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
# Also available in flat door option

Betagard Distribution Boards
8GB32 TPN Phase Segregated DBs

	Item Description	Incoming Slots (MW)	Sub - Incomer Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Phase segregated DBs, IP 20 For MCB as incomer								
	4 Way	12	12	12	36	8GB32001RC04	19545.-	1
	6 Way	12	12	18	42	8GB32001RC06	21980.-	1
	8 Way	12	12	24	48	8GB32001RC08	25660.-	1
	12 Way	12	12	36	60	8GB32001RC12	30550.-	1
TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer								
	4 way	12	12	12	36	8GB32002RC04	23215.-	1
	6 way	12	12	18	42	8GB32002RC06	26880.-	1
	8 way	12	12	24	48	8GB32002RC08	30550.-	1
	12 way	12	12	36	60	8GB32002RC12	36650.-	1
TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A								
	6 way		12	18	30	8GB32012RC06	41520.-	1
	8 way		12	24	36	8GB32012RC08	47640.-	1
	12 way		12	36	48	8GB32012RC12	53750.-	1
Wire Way box for MCB Incomer, IP 43 DBs								
	For 4 Way	–	–	–	–	8GB32007RC04	6095.-	1
	For 6 Way	–	–	–	–	8GB32007RC06	7320.-	1
	For 8 Way	–	–	–	–	8GB32007RC08	8535.-	1
	For 12 Way	–	–	–	–	8GB32007RC12	9760.-	1
Wire Way box for MCCB Incomer, IP 43 DBs								
	For 6 Way	–	–	–	–	8GB32017RC06	7320.-	1
	For 8 Way	–	–	–	–	8GB32017RC08	8535.-	1
	For 12 Way	–	–	–	–	8GB32017RC12	9760.-	1

Betagard Distribution Board 8GB



1 U-box with Cement Masking sheet
2 U-box with Earth links
3 Detachable Din-rail channel with Shrouded Neutral link
4 Door frame with Door
5 Detachable Intermittent Plate
6 Door with Quarter Turn Knob

Note: * MRP - Maximum Retail Price
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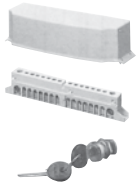
Industrial plug & sockets

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plug & Socket, IP20 with provision for MCB mounting :					
	1 Phase 20A, 1P MCB	1	8GB0501RC	3170.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	3170.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	6715.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	6715.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	10605.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	27630.-	1/5

Simbox WP

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Simbox WP (IP65 DBs)					
	1 Row, 4Mod	4	8GB13710	9540.-	1
	1 Row 8Mod	8	8GB13711	12115.-	1
	1 Row 12Mod	12	8GB13712	21630.-	1
	1 Row 18Mod	18	8GB13713	28015.-	1
	2 Row 2 x 12Mod	24	8GB13722	34585.-	1
	2 Row, 2 x 18Mod	36	8GB13723	48760.-	1
	3 Row, 3 x 18Mod	54	8GB13733	85760.-	1
	4 Row 4 x 18Mod	72	8GB13743	112360.-	1
Accessories for Simbox WP					
	Coupling covers,12M		8GB20510	3120.-	1
	Coupling covers,18M		8GB20511	3500.-	1
	Insulated N/PE terminals, 8MW		8GB20520	4860.-	1
	Insulated N/PE terminals, 12MW		8GB20521	7435.-	1
	Insulated N/PE terminals, 18MW		8GB20522	10925.-	1
	Cylindrical security lock		8GB20550	8865.-	1

Note: * MRP - Maximum Retail Price
For Customized Solutions in Distribution Boards please Contact our sales Office
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Distribution Boards
Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1 MW	8GB9901	120.-	25
Insulated Shorting Links				
Single Phase Shorting Links for Shorting 1P MCBs				
	For SPN and TPN PPI DB			
	5 Leg SP Shorting Link	8GB9905LSP	370.-	10
	7 Leg SP Shorting Link	8GB9907LSP	435.-	10
	9 Leg SP Shorting Link	8GB9909LSP	510.-	10
	11 Leg SP Shorting Link	8GB9911LSP	535.-	10
	13 Leg SP Shorting Link	8GB9913LSP	720.-	10
	15 Leg SP Shorting Link	8GB9915LSP	870.-	10
	17 Leg SP Shorting Link	8GB9917LSP	915.-	10
	For TPN DB			
	4 Leg SP Shorting Link	8GB9904LSP	370.-	10
	6 Leg SP Shorting Link	8GB9906LSP	435.-	10
	8 Leg SP Shorting Link	8GB9908LSP	510.-	10
	10 Leg SP Shorting Link	8GB9910LSP	535.-	10
	12 Leg SP Shorting Link	8GB9912LSP	720.-	10
	14 Leg SP Shorting Link	8GB9914LSP	870.-	10
	16 Leg SP Shorting Link	8GB9916LSP	915.-	10
Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices)				
	Shorting link without End caps, Can be cut and used.	8GB990SLLDP	9040.-	1
	End Caps for 2 pole Shorting Links	8GB990ECLDP	150.-	10
Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTP	9890.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTP	220.-	10
Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTPN	10455.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTPN	280.-	10
Neutral Terminals				
Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)				
	5 Way Neutral Link	8GB9905NL	400.-	10
	11 Way Neutral Link	8GB9911NL	590.-	10
	13 Way Neutral Link	8GB9913NL	670.-	10
	15 Way Neutral Link	8GB9915NL	755.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	435.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	600.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	720.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	795.-	10
Earth Terminals				
	5 Way Earth Link	8GB9905EL	335.-	10
	11 Way Earth Link	8GB9911EL	565.-	10
	13 Way Earth Link	8GB9913EL	600.-	10
	15 Way Earth Link	8GB9915EL	720.-	10

Note: * MRP - Maximum Retail Price
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5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

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Surge Protection Devices
For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage Uc: 350V

Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350µs)	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	**24970.-**
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	**48600.-**

Type 2: Surge Arresters

Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	**4080.-**
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	**12135.-**

Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.
On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)

Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	**6895.-**

Note: Standard packing: 1unit
*LP: List Price

Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display

5SD74121

5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	**5SD74121**	**89890.-**
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	**5SD74141**	**152485.-**

For TN-C system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display

5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	≤1.5kV	25kA/75kA	-	3P	**5SD74131**	**119285.-**

Type 2 : Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C, U_C:350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current In=20kA SC capacity with backup fuse=25kA

5SD74641

5SD7422-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	**5SD74640**	**47260.-**
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	**5SD74641**	**34870.-**
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	**5SD74220**	**27400.-**
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	**5SD74221**	**30250.-**

For TN-C system

Surge arrester Type 2 requirement class C, U_C:350V
Pluggable protective modules 3-pole, 3+0 circuit for TNC systems

5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max} L-N or L-(PE)N, 1P	Pole	Remote signaling	Reference No.	Unit LP* ₹
240/415V	80A gL/gG	≤1.5kV	40kA	3P	No	**5SD74630**	**40420.-**
240/415V	80A gL/gG	≤1.5kV	40kA	3P	Yes	**5SD74631**	**42270.-**

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit * LP : List Price

Type 3 : Surge Arresters

	Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
	24V AC 34V DC	26A	0.65kV	1kA	2P	**5SD74325**	**19160.-**
	120V AC 150V DC	26A	0.95kV	3kA	2P	**5SD74326**	**20875.-**
	240V AC 240V DC	26A	1.5kV	3kA	2P	**5SD74327**	**21435.-**

Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)

	Rated voltage U_N	Rated discharge current	Protection level U_p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
 5SD74836	1000V DC	15kA	≤3.5kV	≤5kA	40kA	3P	No	**5SD74836**	**39740.-**

Replacement Plug

SPD Type	Type	Connection	Reference No.	Unit LP* ₹
5SD74121 5SD74131 5SD74141	Type 1	L-N	**5SD74181**	**33630.-**
5SD74121 5SD74131 5SD74141		N-PE	**5SD74180**	**35250.-**
5SD7463-0/1 5SD7464-0/1	Type 2	L-N	**5SD74681**	**9875.-**
5SD7464-0/1		N-PE	**5SD74880**	**12385.-**
5SD7422-0/1		L-N	**5SD74281**	**9875.-**
5SD7422-0/1		N-PE	**5SD74280**	**12860.-**
5SD7483-6	PV	-	**5SD74983**	**10465.-**

* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:
Standard packing: 1unit
* LP - List Price

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- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Changeover switches Standards: IEC 60947-3/DIN EN 60947-3						
	1C/O, 230V	20	1	**5TE8161**	**4150.-**	**1/10**
	2C/O, 400V	20	1	**5TE8162**	**6270.-**	**1/10**
	Group switch, center position, 2C/O, 400V	20	1	**5TE8142**	**7575.-**	**1/10**
Insta Contactors Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230V AC	20	1	**5TT58000**	**5010.-**	**1/5**
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	40	3	**5TT58410**	**13700.-**	**1/5**
	3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	**5TT58412**	**13765.-**	**1/5**
	4NO contacts, 230V AC/220V DC	40	3	**5TT58400**	**13805.-**	**1/5**
	4NO contacts, 24V AC/24V DC	40	3	**5TT58402**	**13785.-**	**1/5**
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	**5TT58510**	**21450.-**	**1/5**
	3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	**5TT58512**	**21840.-**	**1/5**
	4NO contacts, 230V AC/220V DC	63	3	**5TT58500**	**17495.-**	**1/5**
	4NO contacts, 24V AC/24V DC	63	3	**5TT58502**	**17530.-**	**1/5**
Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230V AC	20	1	**5TT58006**	**6665.-**	**1/5**
	1NO+1NC contacts, 230V AC	20	1	**5TT58016**	**9800.-**	**1/5**
	4NO contacts, 230V AC	25	2	**5TT58306**	**10075.-**	**1/5**
	4NO contacts, 400V AC	40	3	**5TT58406**	**20280.-**	**1/5**
	4NO contacts, 400V AC	63	3	**5TT58506**	**26570.-**	**1/5**
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			**5TT59101**	**6110.-**	**1/10**

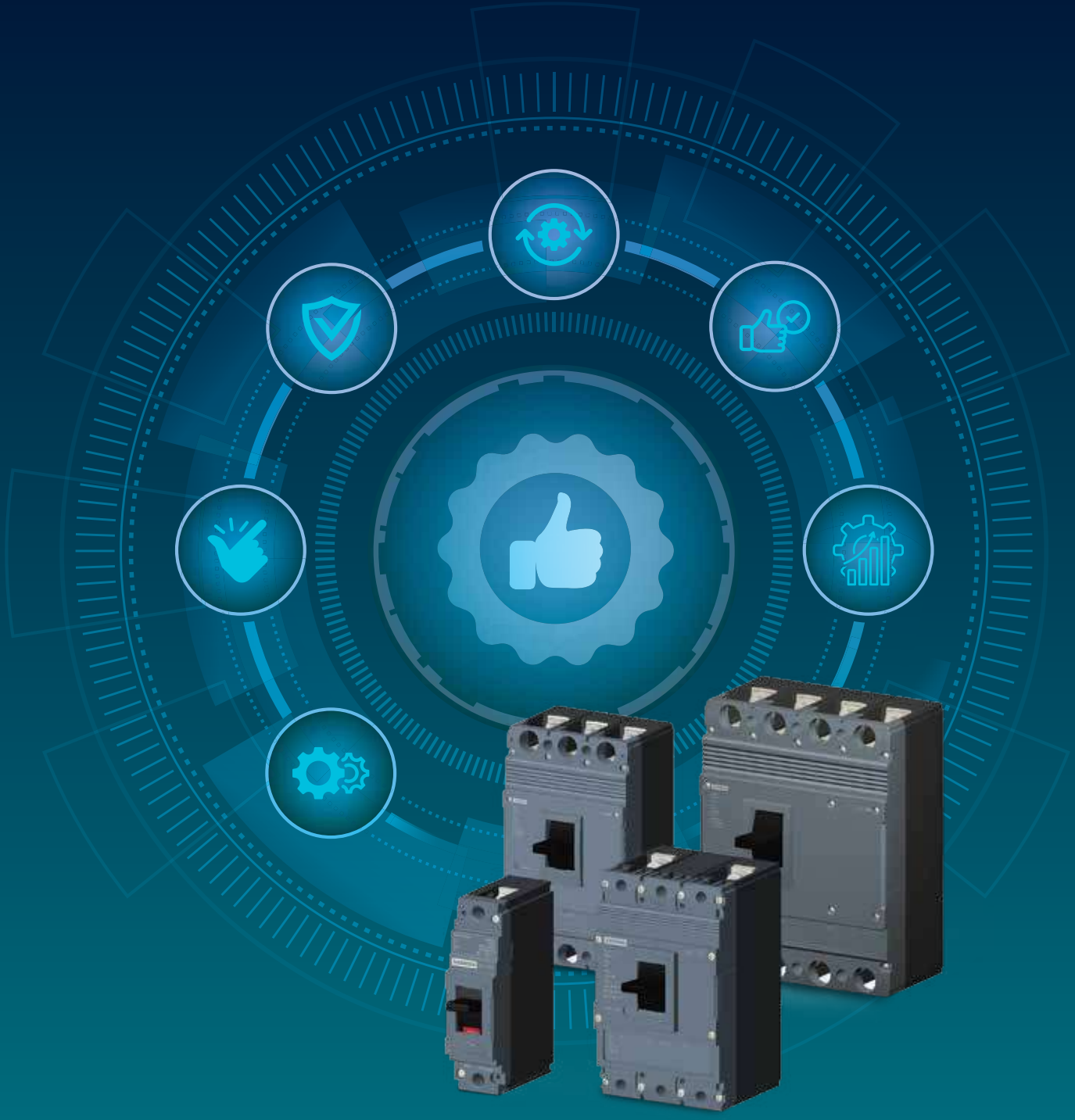
Note:
* LP - List Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	54965.-	1
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	2	5TT3402	22195.-	1
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3407	40605.-	1
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3408	41800.-	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	5580.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	5310.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1425.-	1/10
Power ON Indicator (Economy Version) 230 V AC, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	3330.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	4230.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	1840.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	1840.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	1840.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	1840.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	2	5TT3170	17410.-	1

Note:
* LP - List Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230V AC	16	1	**7LF45015**	**12960.-**	**1**
	Yearly time switch top digital 230V, 1 channel	16	2	**7LF45110**	**15870.-**	**1**
	Yearly time switch top digital 230V, 2 channel	16	2	**7LF45120**	**30380.-**	**1**
	Weekly time switch profi digital 230V, 1 channel	16	2	**7LF45210**	**28300.-**	**1**
	Weekly time switch profi digital 230V, 2 channel	16	2	**7LF45220**	**36605.-**	**1**
	Weekly time switch astro digital 230V, 1 channel	16	2	**7LF45310**	**28530.-**	**1**
	Weekly time switch astro digital 230V, 2 channel	16	2	**7LF45320**	**47700.-**	**1**
Time Switches (Mechanical) Standards: EN 60730-1						
	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	**7LF53011**	**17560.-**	**1**
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53005**	**9690.-**	**1**
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53016**	**18650.-**	**1**
7LF53005	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	**7LF53050**	**20400.-**	**1**
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	**7LF53010**	**11500.-**	**1**
Accessories for Digital Time Switches						
	USB adapter and software			**7LF49410**	**46965.-**	**1**
	Data key profi, astro			**7LF49411**	**4780.-**	**1**

Note:
* LP - List Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



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Simply Efficient

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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3VJ Moulded Case Circuit Breakers[$]

3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	18kA	16	3VJ1096-1DA32-0AA0	3VJ1096-1EA42-0AA0
		20	3VJ1002-1DA32-0AA0	3VJ1002-1EA42-0AA0
		25	3VJ1092-1DA32-0AA0	3VJ1092-1EA42-0AA0
		32	3VJ1003-1DA32-0AA0	3VJ1003-1EA42-0AA0
		40	3VJ1004-1DA32-0AA0	3VJ1004-1EA42-0AA0
		50	3VJ1005-1DA32-0AA0	3VJ1005-1EA42-0AA0
		63	3VJ1006-1DA32-0AA0	3VJ1006-1EA42-0AA0
		80	3VJ1008-1DA32-0AA0	3VJ1008-1EA42-0AA0
		100	3VJ1010-1DA32-0AA0	3VJ1010-1EA42-0AA0
		125	3VJ1012-1DA32-0AA0	3VJ1012-1EA42-0AA0
	25kA	16	3VJ1096-3DA32-0AA0	3VJ1096-3EA42-0AA0
		20	3VJ1002-3DA32-0AA0	3VJ1002-3EA42-0AA0
		25	3VJ1092-3DA32-0AA0	3VJ1092-3EA42-0AA0
		32	3VJ1003-3DA32-0AA0	3VJ1003-3EA42-0AA0
		40	3VJ1004-3DA32-0AA0	3VJ1004-3EA42-0AA0
		50	3VJ1005-3DA32-0AA0	3VJ1005-3EA42-0AA0
		63	3VJ1006-3DA32-0AA0	3VJ1006-3EA42-0AA0
		80	3VJ1008-3DA32-0AA0	3VJ1008-3EA42-0AA0
		100	3VJ1010-3DA32-0AA0	3VJ1010-3EA42-0AA0
		125	3VJ1012-3DA32-0AA0	3VJ1012-3EA42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-3DA32-0AA0	3VJ1216-3EA42-0AA0
		200	3VJ1220-3DA32-0AA0	3VJ1220-3EA42-0AA0
		250	3VJ1225-3DA32-0AA0	3VJ1225-3EA42-0AA0

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	25kA	16	3VJ1096-3DB32-0AA0	3VJ1096-3EB42-0AA0
		20	3VJ1002-3DB32-0AA0	3VJ1002-3EB42-0AA0
		25	3VJ1092-3DB32-0AA0	3VJ1092-3EB42-0AA0
		32	3VJ1003-3DB32-0AA0	3VJ1003-3EB42-0AA0
		40	3VJ1004-3DB32-0AA0	3VJ1004-3EB42-0AA0
		50	3VJ1005-3DB32-0AA0	3VJ1005-3EB42-0AA0
		63	3VJ1006-3DB32-0AA0	3VJ1006-3EB42-0AA0
		80	3VJ1008-3DB32-0AA0	3VJ1008-3EB42-0AA0
		100	3VJ1010-3DB32-0AA0	3VJ1010-3EB42-0AA0
		125	3VJ1012-3DB32-0AA0	3VJ1012-3EB42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-3DB32-0AA0	3VJ1216-3EB42-0AA0
		200	3VJ1220-3DB32-0AA0	3VJ1220-3EB42-0AA0
		250	3VJ1225-3DB32-0AA0	3VJ1225-3EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	3VJ1332-3EB42-0AA0
		400	3VJ1340-3DB32-0AA0	3VJ1340-3EB42-0AA0
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	3VJ1196-5EB42-0AA0
		20	3VJ1102-5DB32-0AA0	3VJ1102-5EB42-0AA0
		25	3VJ1192-5DB32-0AA0	3VJ1192-5EB42-0AA0
		32	3VJ1103-5DB32-0AA0	3VJ1103-5EB42-0AA0
		40	3VJ1104-5DB32-0AA0	3VJ1104-5EB42-0AA0
		50	3VJ1105-5DB32-0AA0	3VJ1105-5EB42-0AA0
		63	3VJ1106-5DB32-0AA0	3VJ1106-5EB42-0AA0
		80	3VJ1108-5DB32-0AA0	3VJ1108-5EB42-0AA0
		100	3VJ1110-5DB32-0AA0	3VJ1110-5EB42-0AA0
		125	3VJ1112-5DB32-0AA0	3VJ1112-5EB42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	3VJ1216-5EB42-0AA0
		200	3VJ1220-5DB32-0AA0	3VJ1220-5EB42-0AA0
		250	3VJ1225-5DB32-0AA0	3VJ1225-5EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	3VJ1332-5EB42-0AA0
		400	3VJ1340-5DB32-0AA0	3VJ1340-5EB42-0AA0
3VJ14 (VJ1 630)		630	3VJ1463-5DB32-0AA0	3VJ1463-5EB42-0AA0

$ Kindly refer latest Power Distribution Products Price List for prices

3VJ Internal accessories$

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3VJ9218-0AN11	3VJ9218-0AN11	3VJ9417-0AN11
	Right	–	3VJ9218-0AN21	3VJ9218-0AN21	3VJ9417-0AN21
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3VJ9118-0AD11	3VJ9218-0AD11	3VJ9417-0AD11
	Right	–	3VJ9118-0AD21	3VJ9218-0AD21	3VJ9417-0AD21

3VJ External accessories$

Frame Size / Accessory	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Extended Door Mounted Rotary Operator (including 8UC handle)	3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11
Enclosure	3VJ9016-0DE11 (2P, 3P)	3VJ9116-0DE11 (2P, 3P)	3VJ9216-0DE12 (2P, 3P)	–
	3VJ9014-0DE11 (4P)	3VJ9114-0DE11 (4P)	3VJ9214-0DE12 (4P)	–

Raja+ DOL Starters@
3TW Direct On Line Starters

IS/IEC 60947-4-1

CM/L No.7800027718

3ph, 50Hz DOL Starter in sheet steel housing, including bimetal relay with single phasing protection

	Motor Rating At 415V 3ph 50Hz		Starter Type	Contactors	Thermal Overload Relay	Relay range (A)	Max. Full Load Current (Amp)		Std. Pkg. (Nos.)
	HP	kW					3Ph, 415V 4P Squirrel Cage IS 8789:1996 Table 4	3Ph, 415V 2P MRP Submersible motor IS 9283:1995 Table 2	
	0.33	0.25	3TW7291-1A^64	3TS3010-0A##-08KA0	3UW5102-0J	0.63-1	-	-	1
	0.75	0.55	3TW7291-1A^66	3TS3010-0A##-08KA0	3UW5102-1A	1-1.6	1.7	-	1
	1	0.75	3TW7291-1A^68	3TS3010-0A##-08KA0	3UW5102-1C	1.6-2.5	2.2	-	1
	1.5	1.1	3TW7291-1A^69	3TS3010-0A##-08KA0	3UW5102-1D	2-3.2	2.9	**3.25**	1
	2	1.5	3TW7291-1A^71	3TS3010-0A##-08KA0	3UW5102-1F	3.2-5	3.8	**4.5**	1
	3	2.2	3TW7291-1A^72	3TS3010-0A##-08KA0	3UW5102-1G	4-6.3	5.1	**6.5**	1
	5	3.7	3TW7291-1A^74	3TS3010-0A##-08KA0	3UW5102-1J	6.3-10	8.1	**10**	1
	7.5	5.5	3TW7291-1A^75	3TS3210-0A##-08KA0	3UW5102-1K	8-12.5	11.4	**14.5**	1
	7.5	5.5	3TW7291-1A^77	3TS3210-0A##-08KA0	3UW5102-2A	10-16	-	-	1
	10	7.5	3TW7291-1A^78	3TS3210-0A##-08KA0	3UW5102-2B	12.5-20	15.4	**19.5**	1

^ Enter code for coil voltage, 50Hz (B for 200-400V AC, W for 332 - 456V AC)

Enter Code for operating coil voltage, 50 Hz (Z6 for 200-400V, R0 for 415V)

* MRP - Maximum Retail Price LP - List Price

$ Kindly refer latest Power Distribution Products Price List for prices

@ Kindly refer latest Control Products Price List for prices

Switch disconnector fuse@
Superswitch 3KL8 in open execution 3PN

Switch Disconnector fuse: 3KL8 for power distribution (in Open Execution 3PN)^

Rated current Ie @ 690V AC 50Hz	SDF suitable for DIN type HRC Fuses	SDF suitable for BS type HRC Fuses	SDF suitable for cylindrical type HRC Fuses	Std. pkg. (nos.)
20A	3KL8111-5TA00	3KL8111-5TJ00	3KL8111-5TC00	1
32A	3KL8121-5TA00	3KL8121-5TJ00	3KL8121-5TC00	1
63A	3KL8151-5TA00	3KL8151-5TJ00	3KL8151-5TC00	1
100A	3KL8171-5TA00	–	–	1
100A	3KL8211-5TA00	3KL8211-5TJ00	–	1
125A	3KL8221-5TA00	3KL8221-5TJ00	–	1
160A	3KL8231-5TA00	3KL8231-5TJ00	–	1
200A	3KL8311-5UA00	3KL8311-5UJ00	–	1
250A	3KL8321-5UA00	3KL8321-5UJ00	–	1
315A	3KL8331-5UA00	3KL8331-5UJ00	–	1
400A	3KL8341-5UA00	3KL8341-5UJ00	–	1
500A	3KL8411-5UA00	3KL8411-5UJ00	–	1
630A	3KL8421-5UA00	3KL8421-5UJ00	–	1
800A	3KL8431-5UA00	3KL8431-5UJ00	–	1

^ 3PN is 3 Pole with neutral link

Selection table for SS Housing for 3KL8

Rated current Ie (A)	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
3KL81 (20A - 63A)	3KX8235-4AC	–	1
3KL82 (100A - 160A)	3KX8235-4AC	–	1
3KL83 (200A - 400A)	3KX8345-4AC	–	1
3KL84 (500A - 800A)	3KX8435-4AC	–	1

Rated current Ie (A)	Gland box Reference No.	Unit MRP* ₹	Gland Plate Reference No.	Unit MRP* ₹	Std Pkg. (Nos.)
3KL81(20A-63A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL82(100A-160A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL83(200A-400A)	3KX8345-4DC	-	3KX8345-4GC	-	1
3KL84(500A-800A)	3KX8435-4DC	-	3KX8435-4GC	-	1

LV HRC Fuses@

DIN Type Fuse
Rated voltage: 500 V AC

Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
000	2	3NA7 802-0RC	–	1/6
	4	3NA7 804-0RC	–	
	6	3NA7 801-0RC	–	
	10	3NA7 803-0RC	–	
	16	3NA7 805-0RC	–	
	20	3NA7 807-0RC	–	
	25	3NA7 810-0RC	–	
	32	3NA7 812-0RC	–	
	40	3NA7 817-0RC	–	
	50	3NA7 820-0RC	–	
	63	3NA7 822-0RC	–	
	80	3NA7 824-0RC	–	
	100	3NA7 830-0RC	–	
00	125	3NA7 832-0RC	–	
	160	3NA7 836-0RC	–	
1	50	3NA7 120-0RC	–	1/3
	63	3NA7 122-0RC	–	
	80	3NA7 124-0RC	–	
	100	3NA7 130-0RC	–	
	125	3NA7 132-0RC	–	
	160	3NA7 136-0RC	–	
	200	3NA7 140-0RC	–	
	224	3NA7 142-0RC	–	
	250	3NA7 144-0RC	–	

400 & 800A fuses - Rated voltage at 415 V AC

Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
2	200	3NA7 240-0RC	–	1/3
	250	3NA7 244-0RC	–	
	315	3NA7 252-0RC	–	
	400#	3NA7 260-0RC	–	
3	315	3NA3 352-0RC	–	1/3
	400	3NA3 360-0RC	–	
	500	3NA3 365-0RC	–	
	630	3NA3 372-0RC	–	
	800#	3NA3 375-4RC	–	

BS Fuses

Type	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
Offset Tag	2	3NW TIA2	–	20
	4	3NW TIA4	–	
	6	3NW TIA6	–	
	10	3NW TIA10	–	
	16	3NW TIA16	–	
	20	3NW TIA20	–	
	25	3NW TIA25	–	
	32	3NW TIA32	–	
	40	3NW TIS40	–	
	50	3NW TIS50	–	
	63	3NW TIS63	–	

Note: * MRP - Maximum Retail Price
@ Kindly refer latest Power Distribution Products Price List for prices

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Betaflex (Flexi DBs), IP42 :							
	2Row x 12Mod	—	—	24	**8GB31424RC**	**Price on request**	**1**
	2Row x 16Mod	—	—	32	**8GB31426RC**		**1**
	4Row x 6Mod	—	—	24	**8GB31441RC**		**1**
	4Row x 8Mod	—	—	32	**8GB31442RC**		**1**
	4Row x 10Mod	—	—	40	**8GB31443RC**		**1**
	4Row x 12Mod	—	—	48	**8GB31444RC**		**1**
	4Row x 16Mod	—	—	64	**8GB31446RC**		**1**
Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 : (Suitable for 5SL/5SP MCBs, upto 125A as an incomer)							
	4 way	12	12	24	**8GB31471RC**	**Price on request**	**1**
	6 way	12	18	30	**8GB31473RC**		**1**
	8 way	12	24	36	**8GB31474RC**		**1**
	12 way	12	36	48	**8GB31477RC**		**1**
Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 : (Suitable for 3VT1/3VA1 MCCBs, upto 160A as an incomer)							
	4 way	12	12	24	**8GB31571RC**	**Price on request**	**1**
	6 way	12	18	30	**8GB31572RC**		**1**
	8 way	12	24	36	**8GB31573RC**		**1**
	12 way	12	36	48	**8GB31574RC**		**1**
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, provision	2	12	14	**8GB31215RC**	**Price on request**	**1**
	4 Way TPN, Provision	8	12	20	**8GB31220RC**		**1**
	6 way TPN, provision	8	18	26	**8GB31221RC**		**1**
	8 Way TPN Provision	8	24	32	**8GB31222RC**		**1**

Note:
* MRP - Maximum Retail Price
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	Price on request	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC		1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC		1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC		1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC		1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC		1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC		1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC		1
Wire Way Boxes (WWB)							
	WWB for Flexi DB,8Mod	—	—	—	8GB9908FWWNT	Price on request	1/5
	WWB for Flexi DB,12Mod	—	—	—	8GB9912FWWNT		1/5
	WWB for Flexi DB,16Mod	—	—	—	8GB9916FWWNT		1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT		1/5
	WWB for Bus Plus DB	—	—	—	8GB99BPLUSWWNT		1/5
Modular Device Boxes (MDB)							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	Price on request	1/5
	MDB for Flexi DB,12Mod/Row	—	—	12	8GB9912FMDTC		1/5
	MDB for Flexi DB,16Mod/Row	—	—	16	8GB9916FMDTC		1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC		1/5
	MDB for Bus Plus DB	—	—	12	8GB99BPLUSMBTC		1/5
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, built-in	2	12	14	8GB31315RC	Price on request	1
	4 Way TPN, Built-in	8	12	20	8GB31320RC		1
	6 way TPN, built-in	8	18	26	8GB31321RC		1
	8 Way TPN, Built-in	8	24	32	8GB31322RC		1
Beta CO (DBs with provision for phase changeover switches), IP42 :							
	4 way, with provision	8	12	20	8GB31840RC	Price on request	1
	6 way, with provision	8	18	26	8GB31841RC		1
	8 way, with provision	8	24	32	8GB31842RC		1
	12 way, with provision	8	36	44	8GB31844RC		1

Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1.5 MW	8GB9902	Price on request	25

Note:
* MRP - Maximum Retail Price
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Discontinued Products

Betagard Distribution Boards 8GB0

Reference No.	Reference No.	Reference No.	Reference No.
8GB0004	8GB0404HRC	8GB0412VRC	8GB0409VRC
8GB0006	8GB0406HRC	8GB0405HRC	8GB0413VRC
8GB0204RC	8GB0408HRC	8GB0407HRC	8GB0504
8GB0206RC	8GB0412HRC	8GB0409HRC	8GB0506
8GB0208RC	8GB0404VRC	8GB0413HRC	8GB0508
8GB0212RC	8GB0406VRC	8GB0405VRC	8GB0512
8GB0214RC	8GB0408VRC	8GB0407VRC	

Betagard Residual Current Circuit Breakers 5SM3

Reference No.	Reference No.	Reference No.	Reference No.
5SM33480RC	5SM36480RC	5SM33456RC	5SM36456RC
5SM33450RC	5SM36450RC	5SM34486RC	5SM37456RC
5SM34480RC	5SM37450RC	5SM34456RC	
5SM34450RC	5SM33486RC	5SM36486RC	

Auxiliary contact block for 5SM3 100-125A 4pole 1NO+1NC

Reference No.
5SW3330

Terms and Conditions

Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.

The company reserves the right to supply goods at its works or godown at its discretion.

The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

Export control regulation - retention clause: The fulfillment of the agreement on Siemens part is subject to the provision that this shall not be prevented by implements on the grounds of national and international legal requirements, in particular export control provision.

Stock items

The normal stock items (indicated by ■) are subject to change without prior notice.

Note

- **This supercedes all previous Price Lists.**
- **List Prices (LPs) mentioned are exclusive of all taxes.**
- **Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.**
- **Invoice amount not to exceed MRP**
- **Invoice amount = MRP (less) applicable discount + applicable GST %**
- **For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.**

Ask your nearest Siemens partners to include you in our mailing list.

Always make your purchases only from our authorized dealers. Details available with our sales office/territory managers.

7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors
- Versions: 40 A, 63 A

Sensor Bar
- Versions available for 3, 6, 9, 12

Data Manager
- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

Communication/ Software:
- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

*For more details, contact nearest Siemens Sales Office

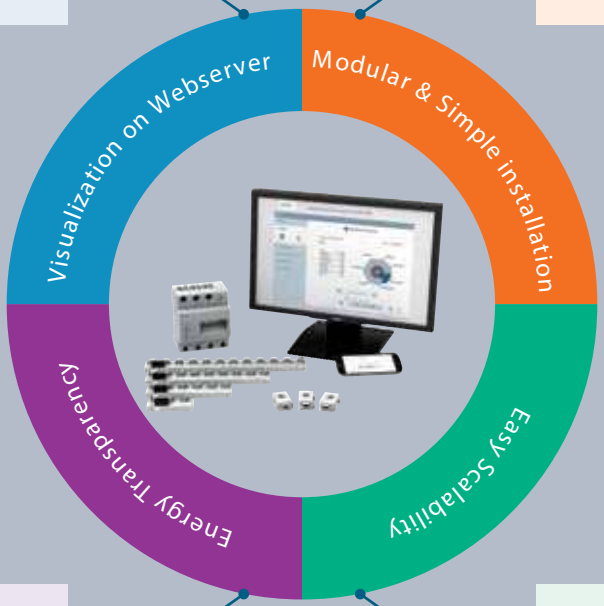
siemens.com/powermonitoring

SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

fast

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring



plug and play

- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring

Easy

Transparent

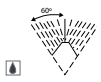
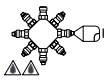
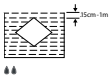
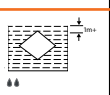
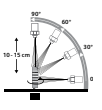
Cost-efficient

siemens.com/powermonitoring

Relevant Standards

Title	IS	IEC	Products							
			MCB		RCCB		RCBO	DB	AFDD	SPD
			5SL4/6/7	5SL5	5SV	5SM	5SU1	8GB	5SM6	5SD7
Electric Installations – MCBs for Building Installations and Similar Purposes Part 1: MCBs for AC Systems	IS 60898-1	IEC 60898-1	✓	–	–	–	–	–	–	–
Low-voltage switchgear and controlgear Part 2: Circuit-breakers	IS 60947-2	IEC 60947-2	–	✓		–	–	–	–	–
Residual Current Operated Circuit-Breakers for Household and Similar Uses, Part 1: Circuit-Breakers Without Integral Overcurrent Protection (RCCBs)	IS 12640-1	IEC 61008-1	–	–	✓	✓	–	–	–	–
Residual Current Operated Circuit-Breaking for Household and Similar Uses, Part 2: Circuit-Breakers with Integral Overcurrent Protection (RCBOs)	IS 12640-2	IEC 61009-1	–	–	–	–	✓	–	–	–
General requirements for arc fault detection devices	–	IEC 62606	–	–	–	–	–	–	✓	–
Low-voltage switchgear and controlgear assemblies, Part 2: Power switchgear and controlgear assemblies	–	IEC 61439-1/3	–	–	–	–	–	✓	–	–
Surge protective devices connected to low-voltage power systems	–	IEC 61643-11	–	–	–	–	–	–	–	✓

Degree of Protection

First digit: Protection against solid foreign objects		Second digit: Protection against ingress of water	
	0 No protection		0 No protection
	1 Protected against solid objects up to 50mm (e.g. hand)		1 Protection against vertically falling drops of water (e.g. condensation)
	2 Protected against solid objects up to 12mm diameter (e.g. finger)		2 Protection against direct sprays of water up to 15 degrees from vertical
	3 Protected against solid objects up to 2.5mm diameter (e.g. screwdriver)		3 Protection against direct sprays of water up to 60 degrees from vertical
	4 Protected against solid objects up to 1mm diameter (e.g. wire)		4 Protection against water sprayed from all directions, limited ingress permitted
	5 Protected against dust: limited ingress permitted, no harmful deposit.		5 Protected against low-pressure jets of water from all directions, limited ingress permitted
	6 Totally protected against dust		6 Protected against strong jets of water from all directions, limited ingress permitted (e.g. water from heavy seas on a ship's deck)
			7 Protected against the effect of temporary immersion (30 min) between 15cm and 1m
			8 Protected against long period of immersion under pressure
			9 Protected against high pressure, high temperature jets of water from multiple directions

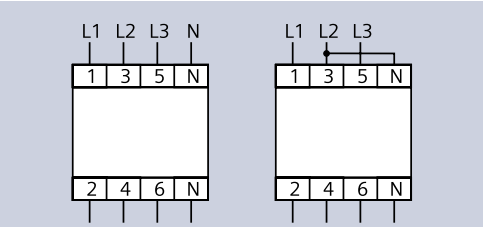
IP 6 8

Installation Guideline for RCCB

RCCB suitability for various distribution networks.

Betagard RCCBs can be used in all 3 distribution network types viz. TN, TT & an IT network system. 4 pole RCCBs can also be used in 3 pole supply networks by adhering to installation guidelines. In this case, connection must be at terminals 1, 3 and 5 and 2, 4 and 6.

The function of the test equipment is only ensured if a jumper is fitted between terminals 3 and N.



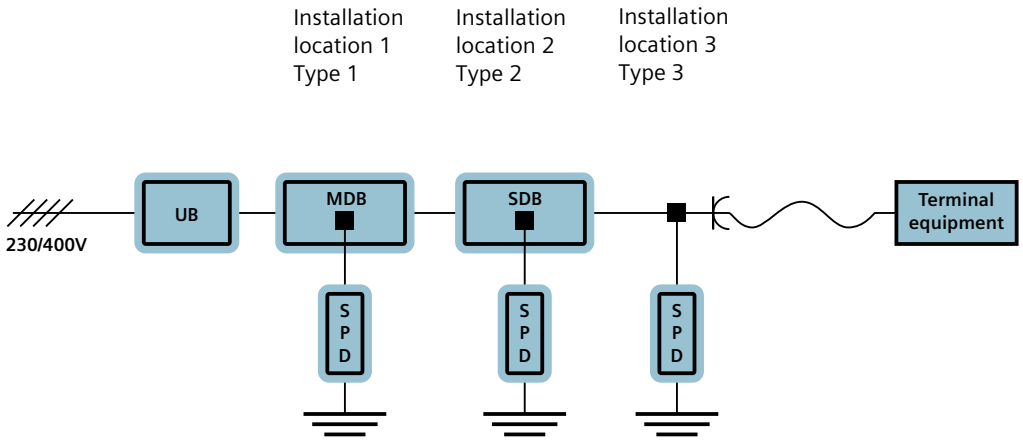
Types and waveform

					6 mA	10 mA		
Type AC		■	–	–	–	–	–	–
Type A		■	■	■	■	–	–	–
Type F		■	■	■	■	■	■	–
Type B		■	■	■	■	■	■	■
Type B+	kHz	■	■	■	■	■	■	■

Version

SIGRES	with active condensation protection for use in severe ambient conditions
[G] / [K]	super-resistant, 10 ms short-term delayed devices with increased immunity to false triggering due to transient disruptions
[S]	as an upstream group switch for selective shutdown against downstream RCCBs

Installation locations for Surge Protection Devices (SPDs)



UB: Utility Box MDB: Main distribution board SDB: Sub Distribution board

Installation location 1 must be as close as possible to the supply point for the electrical system, so that the downstream installations are protected. The SPDs at installation locations 2 and 3 shall not be used without SPDs at installation location 1, and they must be coordinated with these SPDs (i.e. SPDs all from the same manufacturer).

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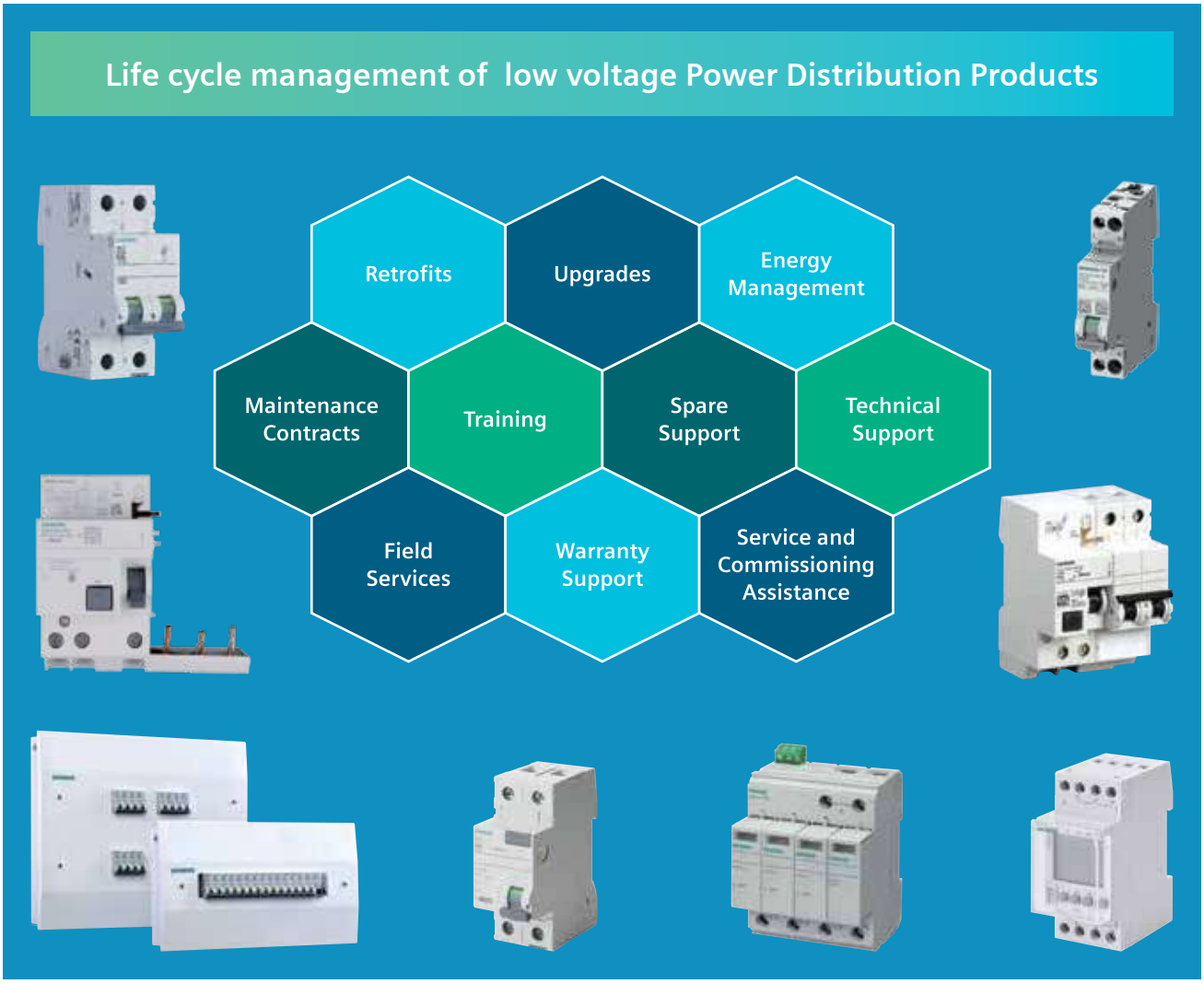

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