



**EURO**

## Digital- 1/2 Channel Multifunction Time Switch

**EDT811/22**

BESTSELLER



EDT822

EDT811



### Features

- Standard housing 35 x 90 x 61mm in line with DIN 43880 - 2 TE
- Weekly, Pulse, Cyclic, Random & holiday Programming
- New two output relay option Model EDT822
- 1 Changeover & 2 Changeover Switch available
- Auto time error correction  $\pm 30$  sec , weekly
- Running reserve for 3 years (in case of power failure)
- 44 times on-off programs per/week
- Minimum switching interval: 1 second & 1 minute
- 1 Channel & 2 Channel circuits available
- Manual operation can be locked out
- Security Pin code lock
- LED operation display
- Cover can be swung open
- Cover can be secured
- Output: Relay 1c & 2c, 250V AC, 16A
- Rated operating voltage: 230V AC, 50/60Hz
- Mounting method: Wall mounting, DIN rail
- Dimesions(mm) : 86×36×66

### Product types

Model numbers	Description	Operating voltage	Running reserve
EDT811	Digital weekly programming, 1 Changeover , 1 channel	220-240VAC	3 years
EDT822	Digital weekly programming, 2 Changeover , 2 Channel	220-240VAC	3 years
ED8TT	Terminal cover and mounting plate for wall mounting		

### Technical Data

Model number	EDT811	EDT822
Type	Standard DIN Rail mounting type	
Program cycle	Weekly, Pulse, Cyclic, Random & Holiday Programs	
Operating voltage	AC 220V 50/60HZ 85%~110%	
Frequency	50-60Hz	
Power consumption	4VA	7.5VA
Switching capacity		
Resistive load (cosF=1)	16A / 250VAC	16A / 250VAC
Inductive load (cosF=0,7)	10A / 250VAC	10A / 250VAC
Number of circuits	1 Channel	2 Channel
Number of circuits	1 relay contact outputs	2 relay contact outputs
Contact type	1 changeover contact	2 changeover contacts
Driving method	Quartz oscillation	
Memory capacity	22 programs / Day	22 programs / Day
Minimum switching interval	Weekly mode : 1 min & Pulse : 0 - 59 min 59 sec	Weekly mode : 1 min & Pulse : 0 - 59 min 59 sec
Manual switching	Override function	
Changeover, standard time/daylight saving time	Yes	
Time accuracy	$\pm 1$ seconds/day (at 25°C)	
Running reserve	3 years for clock memory and program (lithium battery)	
Pulse function	Yes	Yes
Cyclic-Random-Holiday function	Yes	Yes
Applicable wire	Max. 2.5mm <sup>2</sup>	
Weight	100g	120g
Protection degree	Protection degree II when mounted properly IP20 according to EN60529	
Pollution degree	3	
Summer / Winter Time settings	Yes	

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# Digital Time Switch

# EDT30E

DIY Edition



## Features

- Standard housing 35 x 90 x 61mm in line with DIN 43880 - 2 TE
- Weekly programming
- Switching function: ON - AUTO - OFF
- Easy Connection just input & output
- Auto time error correction  $\pm 30$  sec , weekly
- Running reserve for 3 years (in case of power failure)
- 20 programs per/day , 140 programs per/week
- Minimum switching interval: 1 minute
- Manual override key ON/OFF on the front
- Countdown Function : 99 sec to 99 minutes
- Reset key
- LED operation display
- Cover can be swung open
- Cover can be secured
- Output: Relay 1c,30(20)Amps @ 250V AC
- Rated operating voltage: 230V AC, 50/60Hz
- Mounting method: Wall mounting, DIN rail

## Product types

SIMPLE INPUT &amp; OUTPUT CONNECTION

Model numbers	Description	Operating voltage	Running reserve
EDT30E (DIY EDITION)	Digital weekly programming, 30A & Countdown	220-240VAC	3 years

## Technical Data

Model number	EDT30E	
Type	Standard DIN Rail mounting type	
Program cycle	Weekly , Countdown	
Operating voltage	220-240VAC (-15% to +10% of the operating voltage)	
Frequency	50-60Hz	
Power consumption	2W	
Switching capacity		
Resistive load (cosF=1)	30A / 250VAC	
Inductive load (cosF=0,7)	20A / 250VAC	
Number of circuits	1	
Number of circuits	1 relay contact outputs	
Contact type		
Driving method	Quartz oscillation	
Memory capacity	20 programs / Day	
Minimum switching interval	Weekly mode : 1 minute    Countdown mode : 0-99 sec & 0-99 min	
Manual switching	Override function	
Changeover, standard time/daylight saving time	Yes	
Time accuracy	$\pm 3$ seconds/month (at 25°C)	
Running reserve	3years for clock memory and program (lithium battery)	
Pulse function	No	
Countdown function	Yes	
Applicable wire	Max. 6.0mm <sup>2</sup>	
Weight	120g	
Protection degree	Protection degree II when mounted properly	
Pollution degree	IP20 according to EN60529	
Overvoltage category	3	
	III	

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## Digital Time Switch

**EDT181**

### Features

- Standard housing 35 x 90 x 61mm in line with DIN 43880 - 2 TE
- Weekly programming
- Switching function: ON - AUTO - OFF
- 1 changeover (SPDT)
- Auto time error correction  $\pm 30$  sec , weekly
- Running reserve for 3 years (in case of power failure)
- 17 programs per/day , 119 programs per/week
- Minimum switching interval: 1 minute
- Manual override key ON/OFF on the front
- Manual operation can be locked out
- Reset key
- LED operation display
- Cover can be swung open
- Cover can be secured
- Output: Relay 1c, 250V AC
- Rated operating voltage: 230V AC, 50/60Hz
- Mounting method: Wall mounting, DIN rail

### Product types

Model numbers	Description	Operating voltage	Running reserve
EDT18130A	Digital weekly programming, 1 Changeover	220-240VAC	3 years
EDT181	Digital weekly programming, 1 Changeover , Pulse & Countdown	220-240VAC	3 years
EDTTC	Terminal cover and mounting plate for wall mounting		

### Technical Data

Model number	EDT18130A	EDT181
Type	Standard DIN Rail mounting type	
Program cycle	Weekly	
Operating voltage	220-240VAC (-15% to +10% of the operating voltage)	
Frequency	50-60Hz	
Power consumption	2W	
Switching capacity		
Resistive load (cosF=1)	30A / 250VAC	16A / 250VAC
Inductive load (cosF=0,7)	20A / 250VAC	8A / 250VAC
Number of circuits	1	2
Number of circuits	1 relay contact outputs	1 relay contact outputs
Contact type	1 changeover contact	1 changeover contacts
Driving method	Quartz oscillation	
Memory capacity	17 programs / Day	17 programs / Day
Minimum switching interval	1 minute	Timer mode : 1 min & Pulse : 0 - 59 min 59 sec
Manual switching	Override function	
Changeover, standard time/daylight saving time	Yes	
Time accuracy	$\pm 15$ seconds/month (at 25°C)	
Running reserve	6 years for clock memory and program (lithium battery)	
Pulse function	No	Yes
Countdown function	No	Yes
Applicable wire	Max. 2.5mm <sup>2</sup>	
Weight	100g	120g
Protection degree	Protection degree II when mounted properly	
Pollution degree	IP20 according to EN60529	
Overvoltage category	3	
	III	



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# Digital Time Switch

**TM-619**

## Features

- Screw type mounting
- Easy connections two pin for input
- Weekly programming
- Switching function: ON - AUTO - OFF
- Replaceable CR2032 battery
- Auto time error correction  $\pm 30$  sec , weekly
- Running reserve for 3 years (in case of power failure)
- 18 programs per/day weekly programs
- Minimum switching interval: 1 minute
- Manual override key ON/OFF on the front
- Manual operation can be locked out
- Reset key
- LED operation display
- Transparent Cover
- Cover can be secured
- Output: Relay ,30A 250V AC (Also Available in 12v DC)
- Rated operating voltage: 230V AC, 50/60Hz
- Mounting method: Wall mounting screw mount
- Also comes with 1 changeover contact (5 pin)
- Available in Rechargeable battery variant also

## Product types

Model numbers	Description	Operating voltage	Running reserve
TM619H-2	Digital weekly programming, Replaceable battery ,4 pin, 30A	220-240VAC	3 years
TM619H-2 R	Digital weekly programming, Rechargeable built In battery ,4 pin, 30A	220-240VAC	3 years
TM619-2	Digital weekly programming, Replaceable battery ,1CO, 5 pin, 30A	220-240VAC	3 years
TM619H-4	Digital weekly programming, Replaceable battery ,4 pin 30A	12 VDC	3 years

## Technical Data

Model number	TM619H-2	TM619H-2 R	TM619-2	TM619H-4
Type	Four screw mounting type			
Program cycle	Weekly			
Operating voltage	220-240VAC (-15% to +10% of the operating voltage)			12VDC
Frequency	50-60Hz			
Power consumption	2W			
Switching capacity				
Resistive load (cosF=1)	30A / 250VAC	30A / 250VAC	30A / 250VAC	30A / 12VDC
Inductive load (cosF=0,7)	20A / 250VAC			20A / 12VDC
Number of circuits	1		2	1
Number of circuits	1 relay contact outputs		2 relay contact outputs	1 relay contact outputs
Contact type	1 changeover contact		2 changeover contacts	1 changeover contact
Driving method	Quartz oscillation			
Memory capacity	18 programs / Day			
Minimum switching interval	1 minute			
Manual switching	Override function			
Changeover, standard time/daylight saving time	Yes			
Time accuracy	$\pm 15$ seconds/month (at 25°C)			
Running reserve	3 years for clock memory and program (lithium battery)			
Pulse function	No			
Countdown function	No			
Applicable wire	Max. 2.5mm <sup>2</sup>			
Weight	60g			
Protection degree	Protection degree II when mounted properly			
	IP20 according to EN60529			
Pollution degree	3			
Overvoltage category	III			

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# Analog 24 hour Programmable Timer

**SUL181H/D****SUL181H****SUL181D**

## Features

- Standard housing 54 x 93 x 67mm in line with DIN 43880 - 2 TE
- Analog 24 hour Programmable Timer
- New heavy duty output relay
- 1 Changeover available
- Shortest switching time: 15 Min(181D) / 30 Min(181H)
- With power reserve (NiMH rechargeable battery) (in case of power failure)
- Screw terminals (181H) & DuoFix spring terminals(181D)
- 48 switching segments
- Early manual over-ride switching
- Fine adjustment for time setting accurate to the minute
- Permanent ON/OFF switch
- Simple summer/winter time correction
- Cover can be swung open
- Screw terminals
- Output: 250V AC, 16(4)A
- Rated operating voltage: 230V AC, 50/60Hz
- Mounting method: Wall mounting, DIN rail
- Dimesions(mm) : 93×67x54 (HxDxB)

## Product types

Model numbers	Description	Operating voltage	Running reserve
SUL181H	Analog weekly programming,1 Changeover ,30 min Interval	220-240VAC	3 years
SUL181D	Analog weekly programming,1 Changeover ,15 min Interval	220-240VAC	3 years
SULHH	Terminal cover and mounting plate for wall mounting		

## Technical Data

Model number	SUL181H	SUL181D
Type	Standard DIN Rail mounting type	
Program cycle	Analog 24 hours Programmable Timer - Potential-free and phase-independent	
Operating voltage	AC 220V 50/60HZ 85%~110%	
Frequency	50-60Hz	
Power consumption	1.5VA	7.5VA
Switching capacity		
Resistive load (cosF=1)	16A / 250VAC	16A / 250VAC
Inductive load (cosF=0,7)	4A / 250VAC	10A / 250VAC
Number of circuits	1 Channel	2 Channel
Number of circuits	1 relay contact outputs	2 relay contact outputs
Contact type	1 changeover contact	2 changeover contacts
Driving method	Quartz oscillation	
Memory capacity	24 ON-OFFprograms - 48 Segments	48 ON-OFFprograms - 96 Segments
Minimum switching interval	30 Minutes	15 Minutes
Manual switching	Override function	
Changeover, standard time/daylight saving time	Yes	
Time accuracy	±1 seconds/day (at 25°C)	
Running reserve	3 years for clock memory and program (lithium battery)	
Pulse function	Yes	Yes
Cyclic-Random-Holiday function	Yes	Yes
Applicable wire	Max. 2.5mm² Screw Terminals	Max. 2.5mm² DuoFix spring terminals
Weight	100g	100g
Protection degree	Protection degree II when mounted properly	
Pollution degree	Ip20 according to En60529 High-temperature resistant, self-extinguishing thermoplastic	
Summer / Winter Time settings	Yes	

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# Digital Time Switch With Trigger

**EDT808**

EDT808 - With External Trigger Control Option

## Features

- Standard housing 65.5×17.5×86.5 mm in line with DIN 1 Module size
- External trigger control digital time switch with weekly program and day cycle
- External trigger switch(EXT Pin)  
Cable length can be 100 meters
- Weekly , Pulse ,Countdown & Holiday Programs (in case of power failure)
- Screw terminals (181H) & DuoFix spring terminals(181D)
- Weekly 16 On/Off Programs,32 Pulse programs (1s -99min)  
10 Holiday Programs , Countdown Range (1s-99min)
- Fine adjustment for time setting accurate to the minute
- Permanent ON/OFF switch
- Built-in lithium battery for backup (Replaceable)
- LCD Display
- Screw terminals
- Output: 250V AC, 16(4)A
- Rated operating voltage: 230V AC, 50/60Hz
- Mounting method: Wall mounting, DIN rail
- Dimesions(mm) : 65.5×17.5x86.5 (HxDxB)

## Product types

Model numbers	Description	Operating voltage	Running reserve
EDT808	Digital weekly,Pulse,Countdown & Holiday Programming External trigger control Switch Function	220-240VAC	3 years

## Technical Data

Model number	EDT808
Type	Standard DIN Rail mounting type
Program cycle	Digital weekly,Pulse,Countdown & Holiday Programming - With External Trigger Control
Operating voltage	AC 220V 50/60HZ 85%~110%
Frequency	50-60Hz
Power consumption	1.5VA
Switching capacity	
Resistive load (cosF=1)	16A / 250VAC
Inductive load (cosF=0,7)	10A / 250VAC
Number of circuits	1 Channel
Number of circuits	1 relay contact outputs
Contact type	1 changeover contact - With External Trigger Option
Driving method	Quartz oscillation
Memory capacity	16 Weekly ON-OFFprograms - 32 Pulse Programs - 1 Countdown Program
Minimum switching interval	Weekly mode - 1 minute , Pulse Mode - 1s-99min , Countdown Mode - 1s-99min
Manual switching	Override function
Changeover, standard time/daylight saving time	Yes
Time accuracy	±1 seconds/day (at 25°C)
Running reserve	3 years for clock memory and program (lithium battery replaceble)
Pulse function	Yes
Cyclic-Random-Holiday function	Yes
Applicable wire	Max. 2.5mm² Screw Terminals
Weight	100g
Protection degree	Protection degree II when mounted properly Ip20 according to En60529 High-temperature resistant, self-extinguishing thermoplastic
Pollution degree	3
Summer / Winter Time settings	Yes

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## Large Display Digital Time Switch

**STM-618-2**

### Features

- Screw type mounting
- Easy connections two pin for input
- Weekly programming
- Switching function: ON - AUTO - OFF
- Rechargeable Built in battery
- Auto time error correction  $\pm 30$  sec , weekly
- Running reserve for 3 years (in case of power failure)
- 18 programs per/day weekly programs
- Minimum switching interval: 1 minute
- Manual override key ON/OFF on the front
- Manual operation can be locked out
- Reset key
- LED operation display
- No Cover
- Large LCD display
- Output: Relay ,16A 250V AC
- Rated operating voltage: 250V AC, 50/60Hz
- Mounting method: Wall mounting screw mount
- Also comes with 1 changeover contact (5 pin)



### Product types

Model numbers	Description	Operating voltage	Running reserve
STM-618-2	Digital weekly programming, Rechargeable battery ,1 CO, 5 pin, 16A	220-240VAC	3 years

### Technical Data

Model number	STM-618-2
Type	Standard four screw mounting 16A 5pin
Program cycle	Weekly
Operating voltage	220-240VAC (-15% to +10% of the operating voltage)
Frequency	50-60Hz
Power consumption	2W
Switching capacity	
Resistive load (cosF=1)	20A / 250VAC
Inductive load (cosF=0,7)	
Number of circuits	2
Number of circuits	2 relay contact outputs
Contact type	2 changeover contacts
Driving method	Quartz oscillation
Memory capacity	18 programs / Day
Minimum switching interval	1 minute
Manual switching	Override function
Changeover, standard time/daylight saving time	Yes
Time accuracy	$\pm 15$ seconds/month (at 25°C)
Running reserve	3 years for clock memory and program (lithium battery)
Pulse function	No
Countdown function	No
Applicable wire	Max. 2.5mm <sup>2</sup>
Weight	60g
Protection degree	Protection degree II when mounted properly
	IP20 according to EN60529
Pollution degree	3
Overvoltage category	III

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## Socket type Digital Time Switch

**SKT10A**

### Features

- All ABS housing , with 3 pin universal socket comes with round 2 pin Plug
- 1 Phase - Weekly programming
- Switching function: ON - AUTO - OFF
- 1 output easy connection
- Auto time error correction  $\pm 30$  sec , weekly
- Running reserve for 2 years (in case of power failure)
- 17 programs per/day , 119 programs per/week
- Minimum switching interval: 1 minute
- Manual override key ON/OFF on the front
- Manual operation can be locked out
- Reset key
- LED operation display
- Plug & Play Operations
- Large LCD Display
- Output: 10A, 220-240V AC
- Rated operating voltage: 220-240V AC, 50/60Hz
- Connect any appliance to universal socket.

### Product types

Model numbers	Description	Operating voltage	Running reserve
SKT10A	Digital weekly programming, 10 A Universal socket , 2 pins	220-240VAC	2 years

### Technical Data

Model number	SKT10A
Type	Plug & Play 3 pin Universal Socket type timer with direct 2 pin wall pins
Program cycle	Weekly
Operating voltage	220-240VAC (-15% to +10% of the operating voltage)
Frequency	50-60Hz
Power consumption	2W
Phase	1 Phase
Resistive load (cosF=1)	10A / 220-240VAC
Inductive load (cosF=0,7)	10A / 220-240VAC
Number of circuits	1
Number of circuits	1 relay contact outputs
Contact type	1 changeover contact
Driving method	Quartz oscillation
Memory capacity	17 programs / Day
Minimum switching interval	1 minute
Manual switching	Override function
Changeover, standard time/daylight saving time	Yes
Time accuracy	$\pm 15$ seconds/month (at 25°C)
Running reserve	2 years for clock memory and program (lithium battery)
Pulse function	No
Countdown function	No
Applicable wire	-
Weight	100g
Protection degree	Protection degree II when mounted properly
	IP20 according to EN60529
Pollution degree	3
Overvoltage category	III



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## Three Phase Digital Time Switch

**TM-613**

### Features

- Standard housing 112 x 120 x 41mm in line with DIN 43880 - 2 TE
- 3 Phase - Weekly programming
- Switching function: ON - AUTO - OFF
- 3 input , 3 output easy connection
- Auto time error correction  $\pm 30$  sec , weekly
- Running reserve for 3 years (in case of power failure)
- 17 programs per/day , 119 programs per/week
- Minimum switching interval: 1 minute
- Manual override key ON/OFF on the front
- Manual operation can be locked out
- Reset key
- LED operation display
- Key hole / screw / din rail mountable
- Large LCD Display
- Output: 3x16A, 350-440V AC
- Rated operating voltage: 350-440V AC, 50/60Hz
- Mounting method: Wall mounting, DIN rail

### Product types

Model numbers	Description	Operating voltage	Running reserve
TM-613	Digital weekly programming, 3 Phase, 16 A, Rechargeable battery	350-440VAC	3 years

### Technical Data

Model number	TM-613
Type	Standard DIN Rail mounting type
Program cycle	Weekly
Operating voltage	350-440VAC (-15% to +10% of the operating voltage)
Frequency	50-60Hz
Power consumption	2W
Phase	3 Phase
Resistive load (cosF=1)	16A / 350-440VAC
Inductive load (cosF=0,7)	16A / 350-440VAC
Number of circuits	1
Number of circuits	1 relay contact outputs
Contact type	1 changeover contact
Driving method	Quartz oscillation
Memory capacity	17 programs / Day
Minimum switching interval	1 minute
Manual switching	Override function
Changeover, standard time/daylight saving time	Yes
Time accuracy	$\pm 15$ seconds/month (at 25°C)
Running reserve	3 years for clock memory and program (lithium battery)
Pulse function	No
Countdown function	No
Applicable wire	Max. 4.0 mm <sup>2</sup>
Weight	150g
Protection degree	Protection degree II when mounted properly
Pollution degree	IP20 according to EN60529
Overvoltage category	III