

XT-17M-C1/6 relay - Delay-off, 1 C/O, 8 A

Datasheet



Description

The XT-17M-C1/6 relay is a multifunctional relay equal to the XT-17M-C1, only with 6 functions and a rated current of 8 A / AC1.

6 times ranges available:

0.1...1 s	1...10 s	6...60 s	1...10 min
6...60 min	1...10 h		

The relay has a supply voltage and 1 change-over contact 8 A / AC1. It has a multifunctional red LED output indicator which flashes/lights depending on the status.

Application

Multifunction time relay. Suitable for general purpose applications. For example to be used for electrical appliances, control of lights, heating, motors, pumps and fans.

Features

- Multifunction:
 - Delay-on after energisation
 - Delay-off after energisation
 - Cycler beginning with impulse after energisation
 - Delay-off after de-energisation, instant make of output
 - Impulse with delay
 - Delay-on after make of the switch till break
- Time ranges 0.1 s...10 h
- 1 C/O contact 8 A / AC1
- 35 mm rail mounting
- LED indicator red and green
- Universal supply voltage 24..240 VAC / 24 VDC
- Modular housing, 1 module

Benefits

- Rated current 8 A / AC1
- Long term availability
- 17.6 mm wide
- No maintenance

Industry compliancy

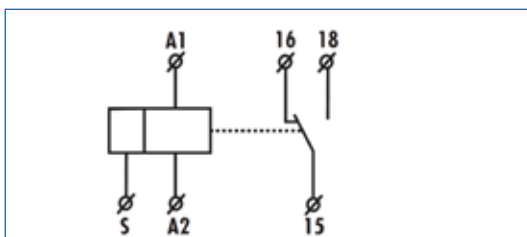
All our relays and accessories are designed according to regulations:

- EN 60255-6
- EN 61010-1
- CE

XT-17M-C1/6 relay

Technical specifications

Connection diagram



Time range

Time range	0.1 s...10 h in 6 alternates
Time setting	Potentiometer & rotary switch
Time deviation	5 % mechanical setting
Repeat accuracy	0.2 % set value stability
Temperature coefficient	0.01 % / °C, at 20 °C

Control

Load between S-A2	Yes
Control terminals	A1-S
Max. capacity of cable control	0.1 µF
Impulse length	Min. 25 ms / Max. unlimited
Reset time	Max. 120 ms

Output

Number of contacts	1x change-over contact /SPDT (AgNi/Silver alloy)
Rated current	8 A / AC1
Breaking capacity	2500 VA / AC1, 240 W / DC
Inrush current	30 A / < 3 s
Switching voltage	250 V AC1 / 24 V DC1
Min. breaking capacity DC	500 mW
Output indication	Red LED
Mechanical life	10 x 10 ⁶ operations
Electrical life (AC1)	10 x 10 ⁴ operations

Supply and measuring

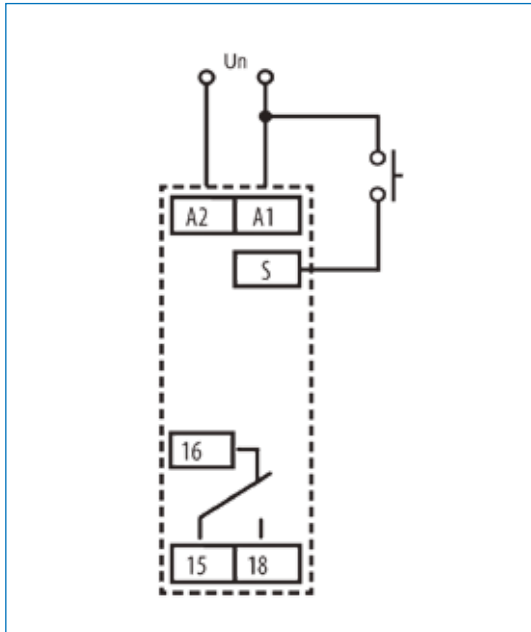
Supply terminals	A1 - A2
Supply voltage	24...240 VAC, 50/60 Hz / 24 VDC
Power consumption	AC 0.7...3.0 VA / DC 0.5...1.7 W
Supply voltage tolerance	0.85...1.1 U _n
Supply indication	Green LED



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Connection



Environmental conditions

Operating temperature	-20 °C... +55 °C
Storage temperature	-30 °C... +70 °C
Electrical strength	4 kV (supply - output)
Operating position	Any
Mounting	35 mm rail EN 60715
Protection degree	IP40 front panel / IP10 terminals
Overtoltage category	III
Pollution degree	2
Max. cable size	Solid wire max. 1 x 2.5 mm ² or 2 x 1.5 mm ² / with sleeve max. 1 x 2.5 mm ²

Mechanical data

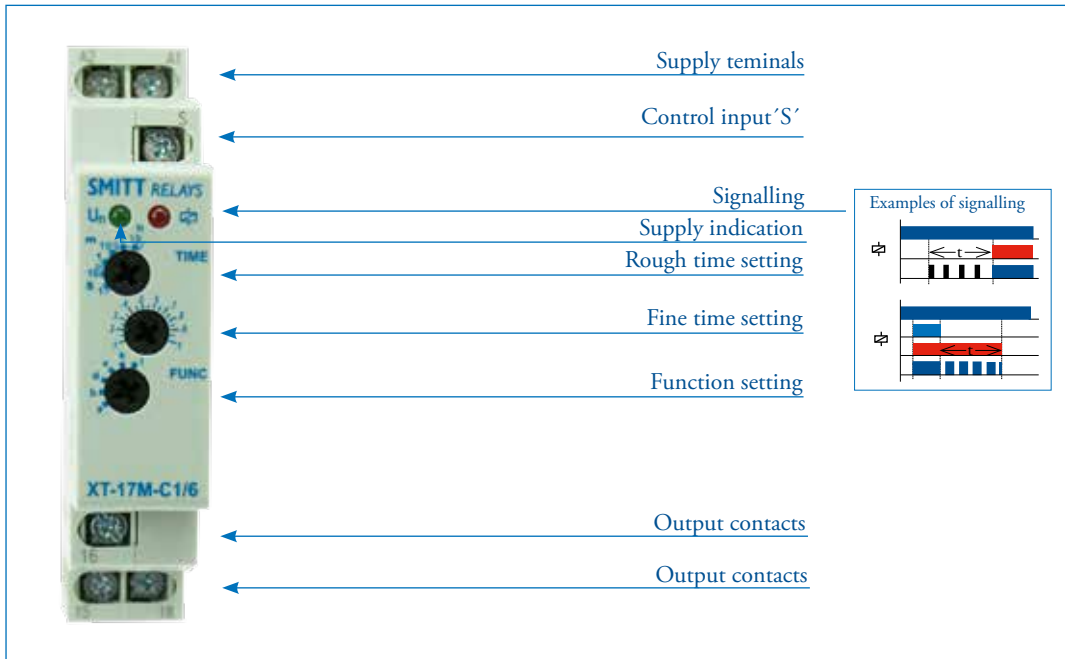
Dimensions (d x w x h)	90 x 17.6 x 64 mm
Weight	69 g
Standard	EN 61812-1, EN 61010-1



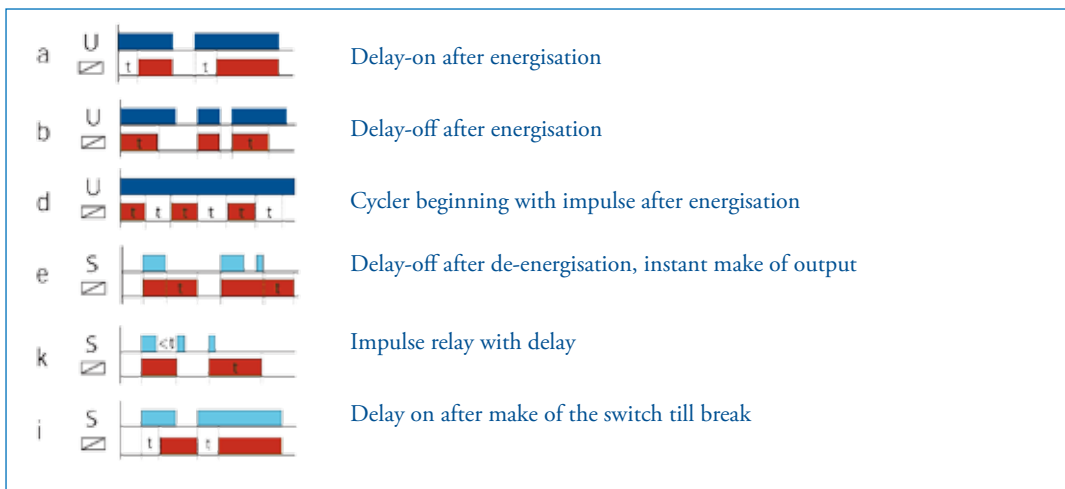
XT-17M-C1/6 relay

Technical specifications

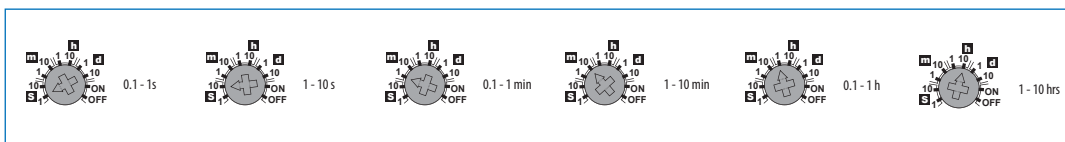
Description



Functions



Time ranges



XT-17M-C1/6 relay

Ordering codes

Art. no.	Type	Time range	Function	Contacts	Voltage range
326001001	XT-17M-A1	0.1 - 1 s	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001009	XT-17M-A2	1 - 10 s	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001010	XT-17M-A3	6 - 60 s	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001011	XT-17M-A4	1 - 10 min	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001012	XT-17M-A5	6 - 60 min	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001013	XT-17M-A6	1 - 10 h	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001002	XT-17M-B1	0.1 - 1 s	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001014	XT-17M-B2	1 - 10 s	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001015	XT-17M-B3	6 - 60 s	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001016	XT-17M-B4	1 - 10 min	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001017	XT-17M-B5	6 - 60 min	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001018	XT-17M-B6	1 - 10 h	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001003	XT-17M-C1	0.1 s - 10 d	Multifunction	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001004	XT-17M-C3	0.1 s - 10 d	Multifunction	3 C/O	12 - 240 VAC/DC, 50/60 Hz
326001025	XT-17M-C1/6	0.1 s - 10 h	Multifunction	1 C/O	24 - 240 VAC, 50/60 Hz or 24 VDC
326001019	XT-17M-D	0.1 s - 10 min	Delay-on / Delay-off*	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001020	XT-17M-L	-	Latching	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001005	XT-17M-P	0.1 s - 100 d	Recycler	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001006	XT-17M-S	0.1 s - 100 d	Star-delta	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001021	XT-17M-2XA	0.1 s - 10 d	Delay-on	2x 1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001026	XT-35M-DC2	Weekly	Digital time	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001028	XT-35M-DCL1	Daily - weekly	Digital twilight switch	1 C/O	230 VAC, 50/60 Hz

* without auxiliary supply





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