

# XT-17M-D relay - Delay-on / delay-off,

## Datasheet

# 2 C/O, 8 A



### Features

- 2 functions
  - Delay-on (function E)
  - Delay-off (without auxiliary supply) (function A)
- Time range 0.1 s ...10 min
- 2 C/O contact 8 A / AC1
- 35 mm rail mounting
- LED indicator red and green
- Universal supply voltage 12..240 VAC
- 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
  - EN 61812-1
  - CE

## Description

The XT-17M-D relay is a delay-on and delay-off timer relay with an unique feature. Equipped with 2 C/O contacts, universal supply voltage and a function switch. In case the supply voltage drops below the specified voltage the delay-off timing will start. The relay will switch after the selected time period.

- Delay-on (function E); adjustable between 0.1 s and 10 min.
- Delay-off (function A); in case the supply voltage drops the set timing will start, when the selected period has ended the relay switches (adjustable between 0.1 s and 10 min)

Via the main rotary switch the time delay range can be set. With the fine time setting a range of 10 % till 100 % of the main time can be set.

Via LED-indication the status of the relay will show when the supply voltages are present.

## Application

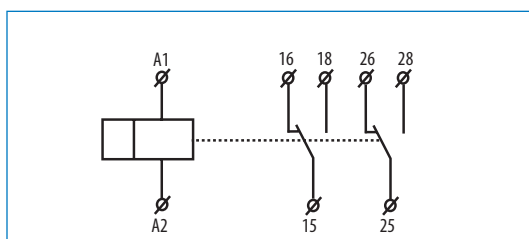
Backup source for delay-off in case of voltage failure (for example emergency lights, emergency respirator, protection of electric doors in case of fire).

Delay-on function for numerous applications.

# XT-17M-D relay

## Technical specifications

### Connection diagram



### Time range

Time range	0.1 s...10 min
Time setting	Potentiometer
Time deviation	5 % mechanical setting
Repeat accuracy	0.2 % set value stability
Temperature coefficient	0.01 % / °C, at 20 °C

### Output

Number of contacts	2x change-over contacts / SPDT (AgNi/Silver alloy)
Rated current	8 A / AC1
Breaking capacity	2000 VA / AC1, 192 W / DC
Inrush current	10 A / < 3 s
Switching voltage	250 V AC1 / 24 V DC1
Min. breaking capacity DC	500 mW
Output indication	Red LED
Mechanical life	30 x 10 <sup>6</sup> operations
Electrical life (AC1)	7 x 10 <sup>4</sup> operations

### Supply and measuring

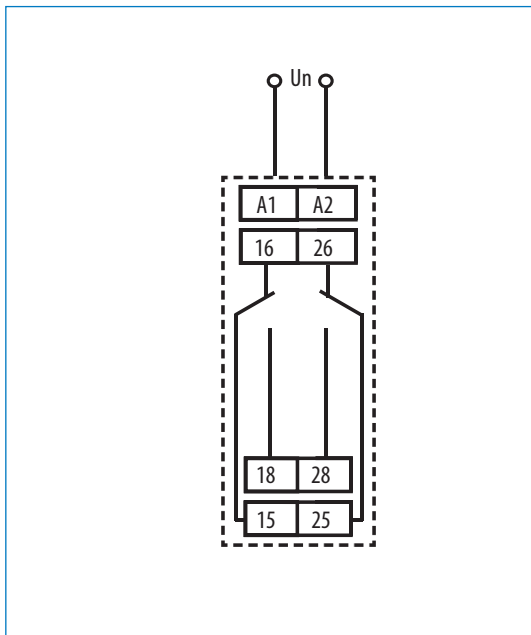
Supply terminals	A1 - A2
Supply voltage	12...240 VAC/DC (50/60 Hz)
Power consumption	AC 0.7...3.0 VA/DC 0.5...1.7 W
Supply voltage tolerance	0.85...1.1 U <sub>n</sub>



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## Technical specifications

### 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. 2 x 2.5 mm <sup>2</sup> or 1 x 4 mm <sup>2</sup> / with sleeve max. 2 x 1.5 mm <sup>2</sup> or 1 x 2.5 mm <sup>2</sup>

### Mechanical data

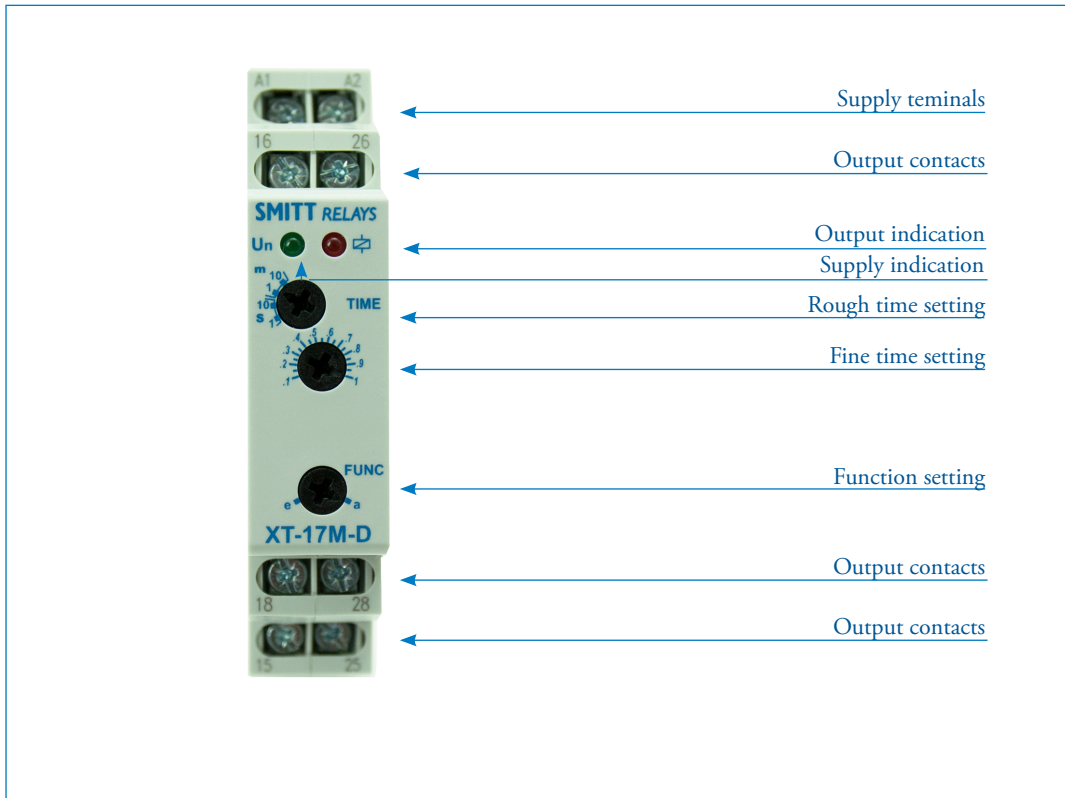
Dimensions (d x w x h)	90 x 17.6 x 64 mm
Weight	93 g
Standard	EN 61812-1, EN 61010-1



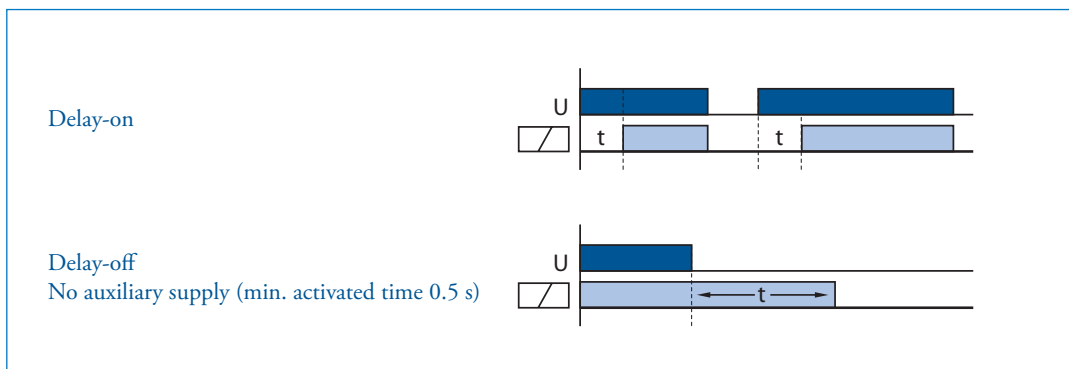
# XT-17M-D relay

## Technical specifications

### Description



### Functions



# XT-17M-D 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
<b>326001019</b>	<b>XT-17M-D</b>	<b>0.1 s - 10 min</b>	<b>Delay-on / Delay-off*</b>	<b>2 C/O</b>	<b>12 - 240 VAC/DC, 50/60 Hz</b>
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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