

XT-17M-L relay - Latching monitoring, Datasheet

2 C/O, 16 A



Description

The XT-17M-L is a latching relay that can be controlled by (impulse) switches from several locations (unlimited number of switches can be connected, in parallel by 2 wires).

The relay can function in two different ways: 2x parallel contacts or the other relay is latching. The function can be selected via the external jumper between B1 – B2.

The XT-17M-L remembers its state after de-energization in a way that it is always switched off, after energization it automatically returns into its state before de-energization.

Application

Latching relay suitable for industrial applications

Features

- Latching relay
- 2 C/O contacts 16 A / AC 1
- Inbuilt diode for suppressing peaks
- 35 mm rail mounting
- Output status by LED indicator
- Modular housing, 1 module

Benefits

- Rated current 16 A / AC1
- Long term availability
- 17.6 mm wide
- No maintenance

Industry compliancy

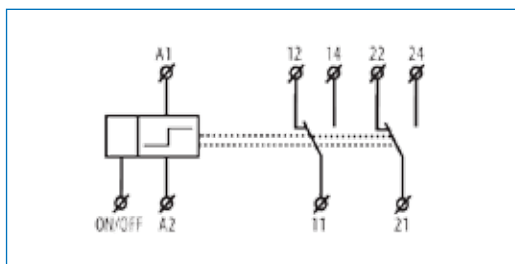
All our relays and accessories are designed according to regulations:

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

XT-17M-L relay

Technical specifications

Connection diagram



Control

Load between A2 - on/off	Yes
Control terminals	A1 - on/off
Max. capacity of cable control	9 nF (AC 230 V), max 4 pcs (1 KS - 1 mA) 12 nF without connected glow-lamps
Impulse length	Min. 25 ms / Max. unlimited

Output

Number of contacts	2x change-over contacts / DPDT (AgSnO ₂)
Rated current	16 A / AC1
Breaking capacity	4000 VA / AC1, 384 W / DC
Inrush current	30 A / < 3 s
Switching voltage	250 VAC1 / 24 VDC
Min. breaking capacity DC	500 mW
Output indication	Red LED
Mechanical life	30 x 10 ⁶ operations
Electrical life (AC1)	7 x 10 ⁴ operations

Supply and measuring

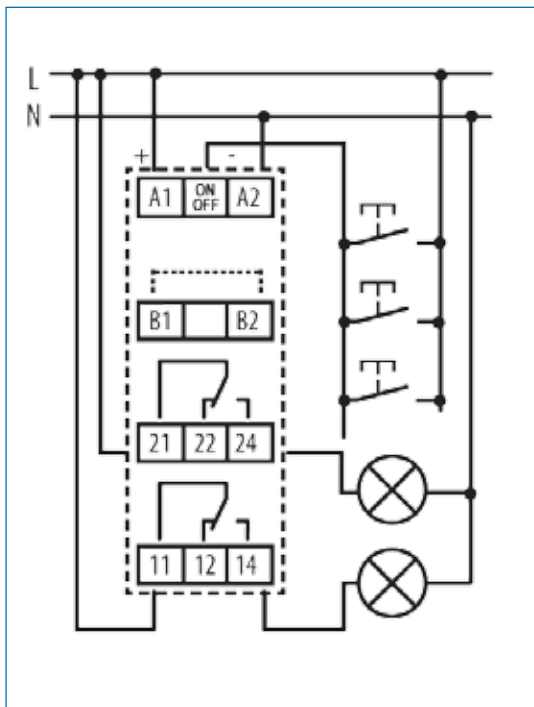
Supply measuring terminals	A1 - A2
Supply voltage	12...240 VAC/DC 50/60 Hz
Consumption	AC 0.17...12 VA / DC 0.11...1.9 W
Supply voltage tolerance	0.85...1.1 U _n
Supply indicator	Green LED



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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
Overvoltage 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

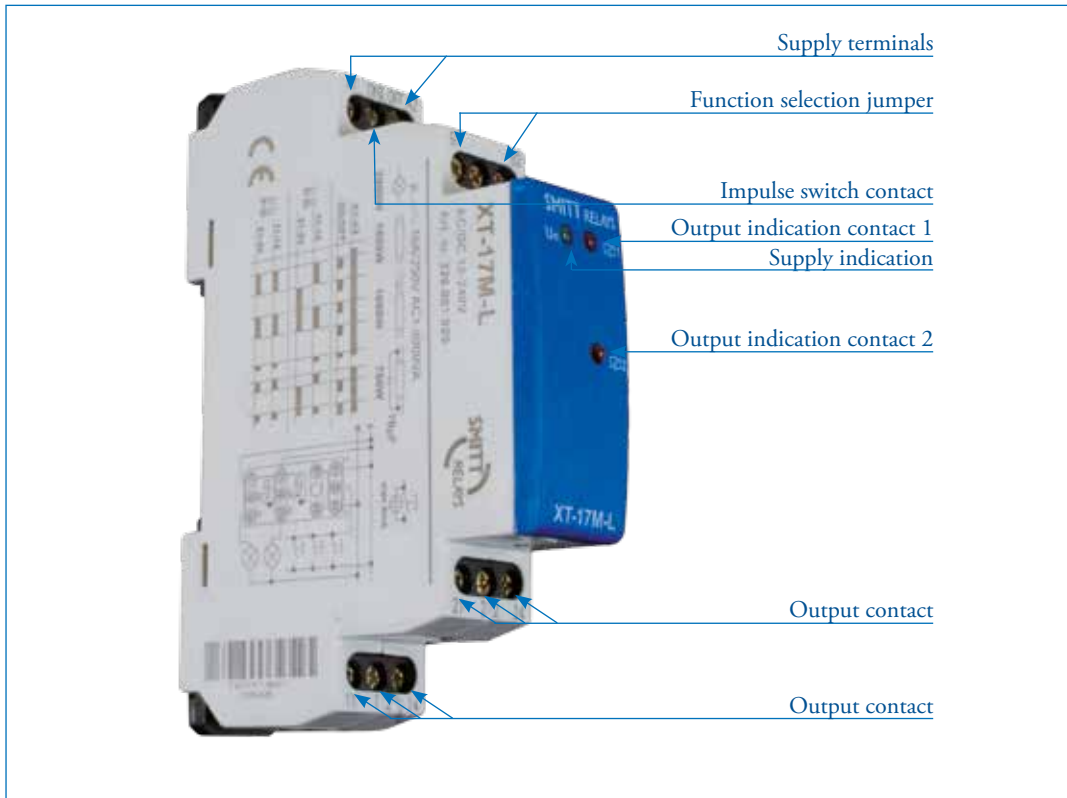
Dimensions (d x w x h)	90 x 17.6 x 64 mm
Weight	89 g
Standard	EN 61810-1, EN 61010-1



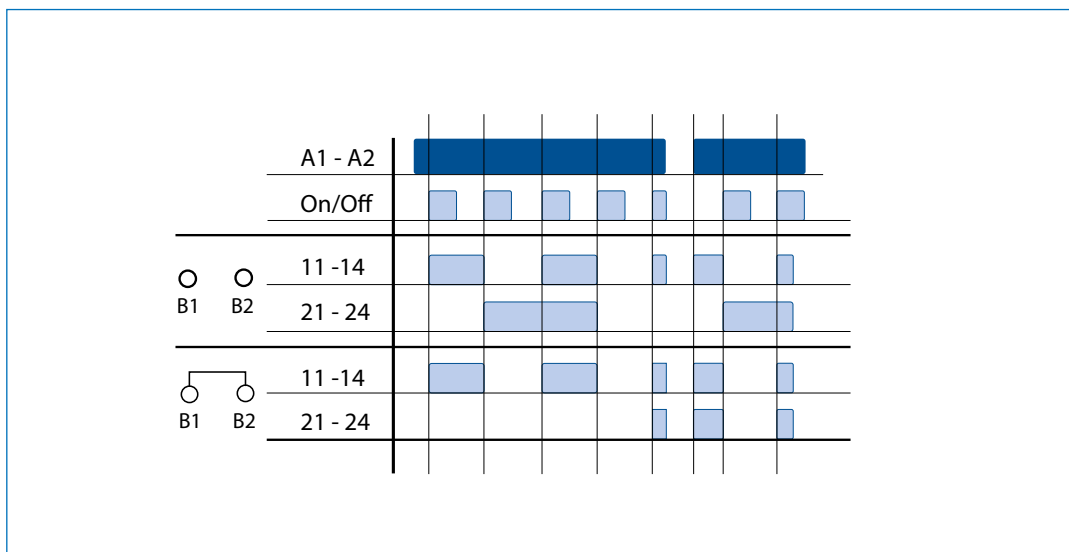
XT-17M-L relay

Technical specifications

Description



Functions



XT-17M-L 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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