

XT-17M-161 relay - Instantaneous power, Datasheet

1 C/O, 16 A



Description

The XT-17M-161 is a instantaneous power relay with visible signalization by a built in LED with 2 different supply (coil) voltages, 230 VAC 50/60 Hz or 24 VAC/DC 50/60 Hz.

The change-over contact can switch a current of 16 A / AC1.

The power relay has a built-in diode for suppressing unwanted peaks while the relay is opening and RC element against disturbances.

Application

Our general purpose relays are applied mainly in industrial and power automation systems, in signalling and protection systems and in other control and electric drives systems.

Features

- Universal power relay
- Inbuilt diode for suppressing peaks
- 1 C/O contact 16 A / AC1
- 35 mm rail mounting
- Output status by LED indicator
- Various supply voltages
- Modular housing, 1 module

Benefits

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

Compliance

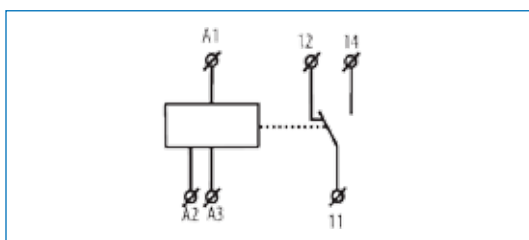
All our relays and accessories are designed according to regulations:

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

XT-17M-161 relay

Technical specifications

Connection diagram



Output

Number of contacts	1x change-over/SPDT (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	High intensity red LED
Mechanical life	30 x 10 ⁶ operations
Electrical life (AC1)	7 x 10 ⁴ operations
Time between switching	Min 2 s
Max time of changeover from contacts	10 ms

Supply

Supply terminals	A1 - A2 or A1 - A3 depending of voltage
Supply voltage A1-A2	230 VAC 50/60 Hz
Supply voltage A1-A3	24 VAC/DC 50/60 Hz
Consumption A1-A2	7.5 VA / 1 W
Consumption A1-A3	1 VAC/DC 1 W
Supply voltage tolerance	0.85...101 U _n



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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 / IP20 terminals
Overvoltage category	III
Pollution degree	2
Max. cable size	Solid wire max. 1x 2.5 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	54 g
Standard	EN 61810-1, EN 61010-1



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Ordering codes

Art. no.	Type	Breaking capacity	Contacts	Voltage range
326001007	XT-17M-161	16 A	1 C/O	230 VAC, 50/60 Hz or 24 VAC/DC, 50/60 Hz
326001008	XT-17M-163	8 A	3 C/O	230 VAC, 50/60 Hz or 24 VAC/DC, 50/60 Hz
326001023	XT-17M-316/24	8 A	3 C/O	24 VAC/DC, 50/60 Hz
326001024	XT-35M-316/230	16 A	3 C/O	230 VAC, 50/60 Hz





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