

XT-17M-316 relay - Instantaneous power, Datasheet 3 C/O, 16 A



Description

The XT-17M-316 is a instantaneous power relay with visible signalisation by a built-in LED. There are 2 relays available with different supply voltages, 24 VAC/DC 50/60 Hz or 230 VAC 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 a RC element against disturbance.

Application

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

Features

- Universal power relay
- Inbuilt diode for suppressing peaks
- 3 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

Industry compliancy

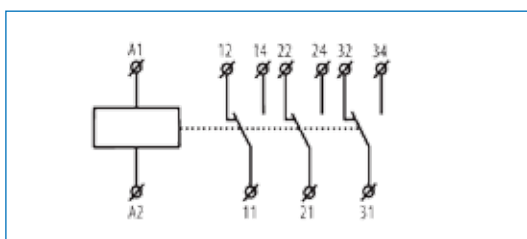
All our relays and accessories are designed according to regulations:

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

XT-17M-316 relay

Technical specifications

Connection diagram



Output

Number of contacts	3x change-over contact / 3PDT (AgNi)
Rated current	16 A / AC1
Breaking capacity	4000 VA / AC1, 384 W / DC
Inrush current	30 A / < 3 s
Switching voltage	250 VAC 1 / 24 VDC
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
Time between switching	XT-17M-316/24 - 20 ms XT-17M-316/230 - 50 ms
Max. time of change-over from contacts	10 ms

Supply and measuring

Supply terminals	A1-A2
Supply voltage A1-A2	XT-17M-316/24 - 24 VAC/DC 50/60 Hz XT-17M-316/230 - 230 VAC/DC 50/60 Hz
Consumption A1-A2	XT-17M-316/24 - 21.6 VA/ 1.2 W XT-17M-316/230 - 2.5 VA
Supply voltage tolerance	0.85...1.1 Un

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Technical specifications

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. 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	XT-17M-316/24 - 90 g XT-17M-316/230 - 92 g
Standard	EN 61810-1, En 61010-1



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Technical specifications

Design



XT-17M-316 relay

Odering 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	16 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





www.morssmitt.com



Mors Smitt France SAS

Tour Rosny 2, Avenue du Général de Gaulle,
F - 93118 Rosny-sous-Bois Cedex, FRANCE
T +33 (0)1 4812 1440, F +33 (0)1 4855 9001
E sales@msrelais.com

Mors Smitt Asia Ltd.

807, Billion Trade Centre, 31 Hung To Road
Kwun Tong, Kowloon, HONG KONG SAR
T +852 2343 5555, F +852 2343 6555
E info@morssmitt.hk

Mors Smitt B.V.

Vrieslantlaan 6, 3526 AA Utrecht,
NETHERLANDS
T +31 (0)30 288 1311, F +31 (0)30 289 8816
E sales.msbv@wabtec.com

Mors Smitt Technologies Inc.

1010 Johnson Drive,
Buffalo Grove, IL 60089-6918, USA
T +1 847 777 6497, F +1 847 520 2222
E salesmst@wabtec.com

Mors Smitt UK Ltd.

Doulton Road, Cradley Heath
West Midlands, B64 5QB, UK
T +44 (0)1384 567 755, F +44 (0)1384 567 710
E sales.msuk@wabtec.com