

XT-17M-163, instantaneous power relay, 8 A, 3 C/O

Datasheet



Application

Modular instantaneous power relay for switching of appliances up to 2000 VA.

Description

The XT-17M-163 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 changeover contact can switch a current of 8 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.

Features

- Universal power relay
- Inbuild diode for suppressing peaks
- 3 C/O contact 8 A / AC1
- 35 mm rail mounting
- Output status by LED indicator
- Various supply voltages
- Modular housing, 1 module

Benefits

- Rated current 8 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-163

Technical specifications

Output

Number of contacts	3x changeover/3PDT (AgNI)
Rated current	8 A / AC1
Breaking capacity	2000 VA / AC1, 192 W / DC
Inrush current	10 A / < 3 s
Switching voltage	250 VAC1 / 24 VDC
Min. breaking capacity DC	500 mW
Output indication	High intensity of LED
Mechanical life	30 x 10 ⁶
Electrical life (AC1)	7 x 10 ⁴
Time between switching	Min 2 s
Max time of changeover from contacts	10 ms

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 (mm ²)	Solid wire max. 1x 2.5 or 2 x 1.5/ with sleeve max. 1 x 2.5

XT-17M-163

Technical specifications

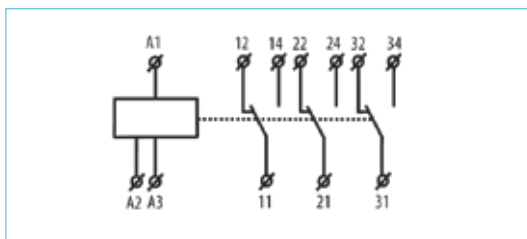
Supply

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	10.3 VA / 1.1 W
Consumption A1-A3	1 VA/DC 1 W
Supply voltage tolerance	-15 %; +10 %

Mechanical data

Dimensions (d, w, h)	90 x 17.6 x 64 mm
Weight	52 g
Standard	EN 61810-1, EN 61010-1

Connection diagram



XT-17M-163

Technical specifications

Description



XT-17M-161

Technical specifications

Standard types:

Article number:	type:	contact(s)	breaking capacity	voltage range:
3260010008	XT-17M-163	3 C/O	8 A	230 VAC 50/60 Hz or 24 VAC/DC 50/60 Hz

Other available types:

Article number:	type:	contact(s)	breaking capacity	voltage range:
3260010007	XT-17M-161	1 C/O	16 A	230 VAC 50/60 Hz or 24 VAC/DC 50/60 Hz
3260010023	XT-17M-316/24	3 C/O	16 A	24 VAC/DC 50/60 Hz
3260010024	XT-17M-316/230	3 C/O	16 A	230 VAC 50/60 Hz



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