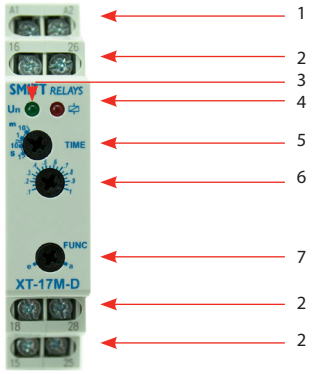
XT-17M-D - Time relay, delay-on/-off, 8 A, 1 C/O

Manual (no auxiliary supply)

Description

The XT-17M-D relay is a delay-on/-off time relay. Via a function switch the desired function can be set. Via the main rotary switch a time delay range can be set. With the fine time setting a range of 10...100 % of the main time can be set. When selecting the delay-off function, after supply failure the selected delay-off time will start and the relay will switch after the selected period.

Layout



1. Supply terminals
2. Output contacts
3. Supply indication (green LED)
4. Output indication (red LED)
5. Main time setting
6. Fine time setting
7. Function setting (delay-on or -off)

Technical information

Supply voltage	12...240 VAC/DC
Supply terminals	A1-A2
Contacts	2 C/O contacts
Rated current	8 A / AC1
Inrush current	10 A ≤ 3 s
Ambient temperature	-20 °C...+55 °C

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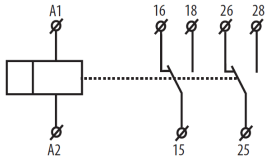
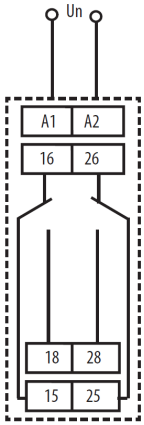
Connection diagram



Connection

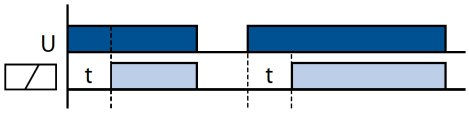


Function setting

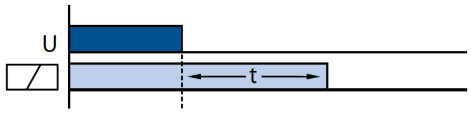
Select for the desired function the following:
E: delay-on
A: delay-off

Function

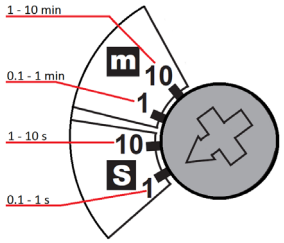
Function E (delay-on): When supply voltage is present the relay will switch after the selected time delay period.



Function A (delay-off): When supply voltage drops the selected delay-off time will start and the relay will switch after the selected period.

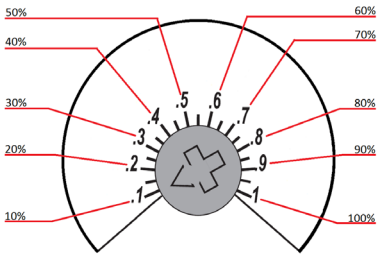


Main time setting



Fine time setting

The fine time setting can be set within 10-100 % of the selected main time range.



Example: if the main time setting is 10 minutes, the fine time setting can be set between 1 and 10 minutes.

Installation
- Install and connect wiring according the identification on the terminals and connection diagram
- Do not reverse the polarity of the coil connection
- Relays can be mounted next to each other
- Warning! Never use silicon near the relays

Operation
- Before first operation; always apply voltage to supply and check correct operation
- Switching the load a few times before first use is advisable
- When the LED is green, coil voltage is indicated
- When the relay does not operate but coil voltage is present, coil polarity can be reversed
- Warning: Do not use the relay in locations with flammable gas, as the arc generated by switching could ignite the gas

Maintenance
- If the relay does not operate correctly, check the presence of the coil voltage by using a multimeter
- If the relay does not work after inspection, replace the relay by a similar model

MAN-XT-17M-D V1.1 June 2016