

XT-17M-C1 - Multifunctional time relay, 16 A, 1 C/O

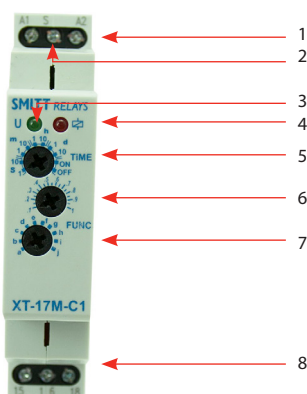
Manual

Description

XT-17M-C1 is a multifunctional time relay. Via the function switch the desired function can be set. With the main rotaryswitch the time delay range can be set.

The fine time can be set 10 % till 100 % of the main time setting. With the S-input the relay can be controlled on remote.

Layout



1. Supply terminals
2. Signalling terminal
3. Supply indication (green LED)
4. Output indication (red LED)
5. Main time setting
6. Fine time setting
7. Function setting
8. Output contacts

Technical information

Supply voltage	12...240 VAC/DC
Supply terminals	A1-A2
Contacts	1 C/O contact
Rated current	16 A / AC1
Inrush current	30 A ≤ 3 s
Ambient temperature	-20 °C...+55 °C

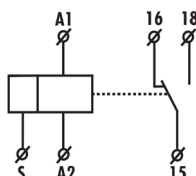


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Connection diagram

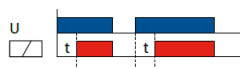
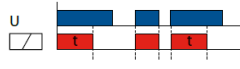
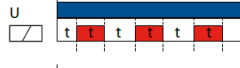
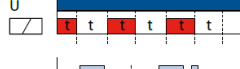

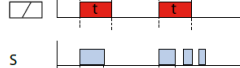


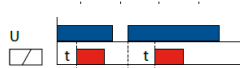
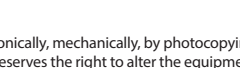


Connection

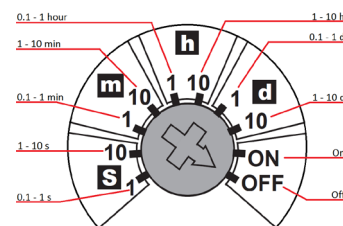


Function

- 10 functions can be set with the XT-17M-C1
- 5 time functions controlled via supply voltage
 - 4 time functions controlled via control input
 - 1 function of memory (latching)

A	Delay ON After energization	U	
B	Delay OFF After energization	U	
C	Recycler Starting OFF	U	
D	Recycler Starting ON	U	
E	Delay OFF, after break of S input	S	
F	Delay OFF, after make of S input	S	
G	Single shot	S	
H	Delay ON and OFF	S	
I	Latching	S	
J	Pulse generator	U	

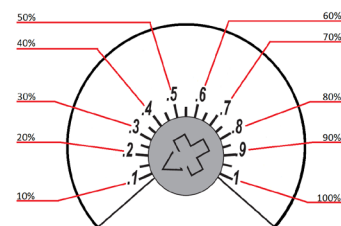
Main time setting



The main time setting selects the maximum time range.

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 to 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