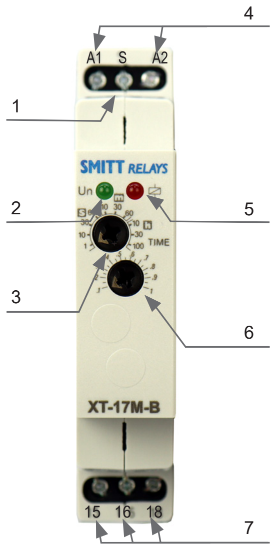
XT-17M-B - Time relay, delay-off,16 A, 1 C/O

Manual

Description

The XT-17M-B is a delay-off time relay, available in 6 different ranges and has 1 C/O contact. With the S-input it is possible to control the relay remotely.

Layout



1. Control input
2. Supply indication (green LED)
3. Time range setting
4. Supply terminals
5. Output indication (red LED)
6. Time setting
7. Output contacts

Technical information

Supply voltage	12...240 VAC
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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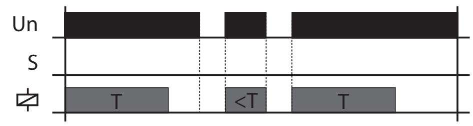
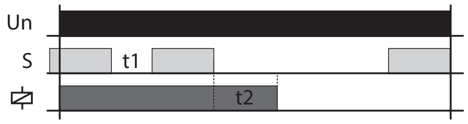
Function

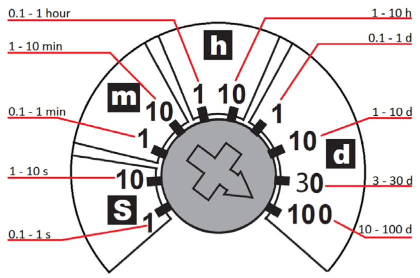
When energising the S-input the contact resets. After de-energising the S-input the selected time delay will start. The coil of the relay can be energised permanently





T = t1 + t2

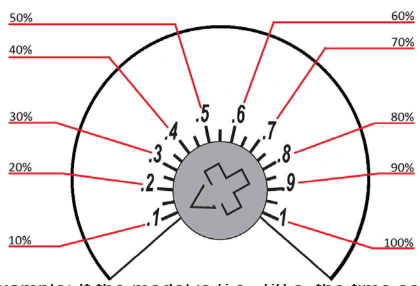
Main time setting impulse / pause



The main time setting selects the maximum time range.

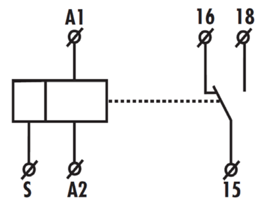
Fine time setting

The time setting is set within the range of the relevant model via the potentionmeter.

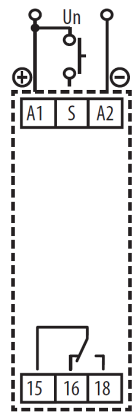


Example: If the model is 6 s...60 s, the time setting for 30 seconds is 50 %.

Connection diagram



Connection



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