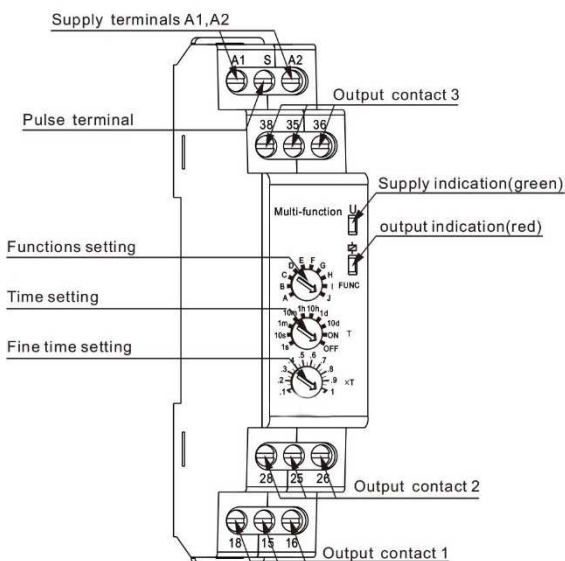




□ Technical data

Supply terminals	A1,A2		
Pulse terminal	S		
Supply voltage	AC/DC 12-240V	AC/DC 24- 240V	
Rated frequency	50/60Hz		
Time range	0.1s-10days		
Setting accuracy	<5%		
Repetition accuracy	<0.2%		
Output contacts	1 C/O	2 C/O	3 C/O
Current rating	8A/AC1		
Contacts capacity	AC-15: 2A		
Insulation voltage	250V		
Protection degree	IP20		
Pollution degree	3		
Electrical life	10 ⁵		
Mechanical life	10 ⁶		
Altitude	≤2000m		
Ambient temperature	-5°C~+40°C		
Storage temperature	-10°C~+50°C		
Wire size	0.5mm ² ~1mm ²		
Torque	0.5Nm		
Mounting	TH-35 DIN-Rail		

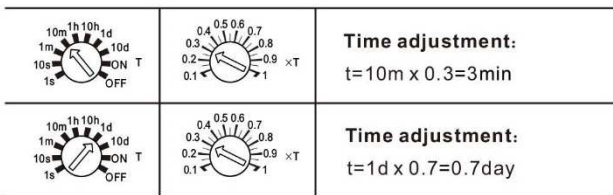
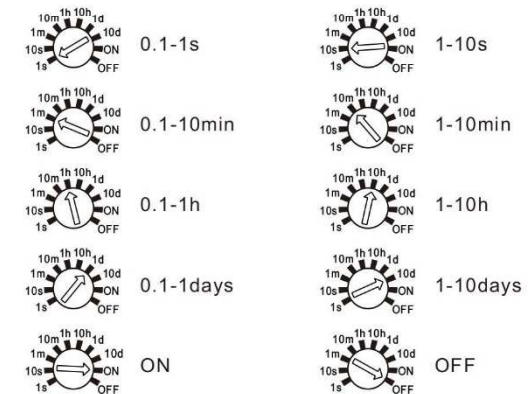
□ Front-face panel



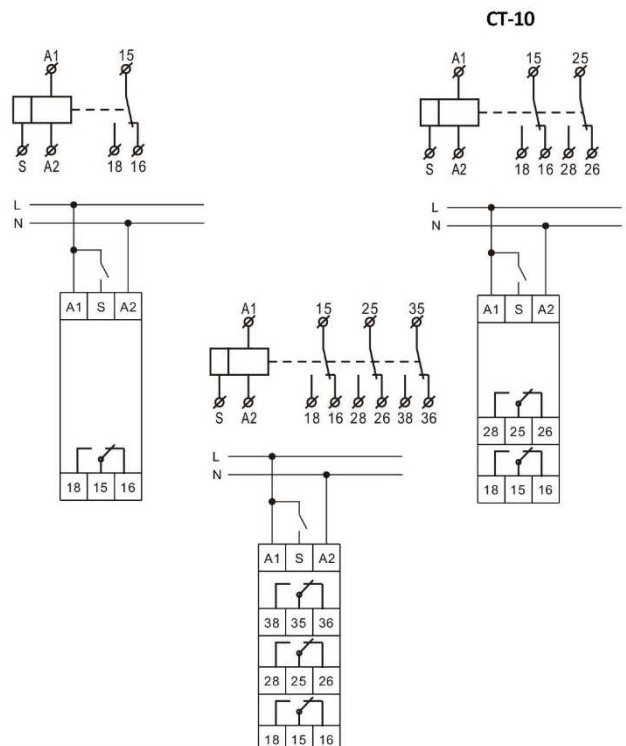
□ Features

- Microcontroller based
- Modular design, 18mm wide housing
- 10 operating modes
- 10 time ranges(1s,10s,1m,10m,1h,10h,1d,10d,ON,OFF)
- 1 changeover contact
- LED indication for power supply and relay status
- DIN-Rail mounting

□ Time range



□ Wiring diagrams



□ Function diagrams

A		SWITCH ON DELAY - after the supply voltage has been applied the time t measurement starts. After the time is over the relay switches on (pos. 15-18). The next switch on interval appears after power supply voltage reset.
B		SWITCH OFF DELAY - after the supply voltage has been applied, the relay switches on immediately (pos. 15-18), and the preset time t is measured. After the preset time t has been measured, the output relay returns to the initial state (pos. 15-16).
C		FLASHER STARTING WITH OFF - (Starting from the switch off position). After the supply voltage has been applied, the preset time t is measured. After the time t is over, the relay switches on (pos. 15-18) and the preset time t is measured once more. After the preset time t is over, the output relay returns to the initial state (pos. 15-16), and the next operating cycle of the relay starts. The relay operates until the supply voltage is removed.
D		FLASHER STARTING WITH ON - (Starting from the switch on position). After the supply voltage has been applied, the relay is switched on immediately (pos. 15-18) and the preset time t is measured. After the time t is over, the relay switches off (pos. 15-16) and the preset time t is measured once more. After the preset time t is over, the relay R returns to the initial state, and the next operating cycle of the relay starts. The relay operates until the supply voltage is removed.
E		DELAY IMPULSE GENERATION 0,5 s - after the supply voltage has been applied the time measure t starts. After the time is over the relay switches on (pos. 15-18) for 0,5s, and switches off (pos. 15-16). The next switch on interval appears after power supply voltage reset.
F		TIME IMPULSE RELEASED BY RISING EDGE - after the impulse release has been applied to the powered system (rising edge) it switches on the relay (pos. 15-18), and starts to measure the preset time. After the time t is over the relay switches off (pos. 15-16). Impulse time duration is not important here.
G		TIME IMPULSE RELEASED BY FALLING EDGE - powered system switches on the relay after impulse release fades (falling edge) (pos. 15-18) and time measurement starts. The relay is switched off after time t is over. The following impulse release fades during time measurement does not cause time measure from the beginning (non-retriggerable).
H		SWITCH ON/OFF DELAY - after the impulse release has been applied to the powered system (rising edge) let the relay be switched off (pos. 15-16), at the same time, starts the preset time t measurement. After the time is over the relay is switched on (pos. 15-18). After the impulse release fade is detected (falling edge), the system starts preset time measurement again after it is over the relay is switched off (pos. 15-16). In case the impulse duration is shorter than the preset time t the relay is switched on for the t time only
I		BISTABLE RELAY WITH TIME LIMIT - after the impulse release has been applied to the powered system (rising edge) it switches on the relay (pos. 15-18), and starts to measure the preset time. The relay is switched off during the next impulse release (rising edge) or after time t is over if there was no such impulse occurrence. Impulse time duration is not important for system operating.
J		TIME IMPULSE RELEASED BY RISING EDGE WITH SWITCH OFF DELAY (retriggerable) - after the impulse release has been applied to the powered system (rising edge) it switches on the relay (pos. 15-18). After the impulse release fade is detected (falling edge), the system starts preset time measurement again and when it is over the relay is switched off (pos. 15-16). The following impulse release fade during time measurement causes from the beginning (retriggerable).

□ Dimensions

