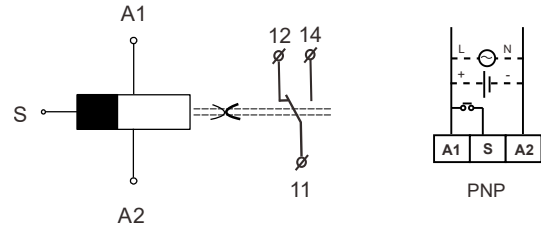


### 1. Parameters

FCT18-B1WP	
<b>Input</b>	
Input Terminal	A1 - A2
Supply Voltage	12-240V AC/DC
Power Consumption	AC 3.5VA/ DC 2.0W
Voltage Tolerance	-15%~+10%
<b>Control Circuit</b>	
Control Terminals	A1-S
Control Pulse Length	min.25ms / max. unlimited
<b>Time Circuit</b>	
Function	Off-Delay
Time Range	0.1s-100days
Time Setting	Button
Time Deviation	0% - Digital Setting
Repeat Accuracy	0.2%
Temperature Coefficient	0.01 %/°C, at = 20 °C (0.01 %/°F, at = 68 °F)
<b>Output</b>	
Contact	1 x SPDT
Rated Current	16A @ 250V AC
Mechanical life	1 × 10 <sup>7</sup> operations
Electrical Life	1 × 10 <sup>5</sup> operations
<b>Other</b>	
Operating temperature	-20 .. 55 °C (-4 .. 131 °F)
Storage temperature	-30 .. 70 °C (-22 .. 158 °F)
Mounting	DIN rail EN 60715
Protection degree	IP40 from front panel/IP10 terminals
Pollution degree	2
Max. cable size (mm <sup>2</sup> )	AWG13-20 0.4N·m
Dimensions	90*18*64 mm
Standards	GB/T 14048.5, IEC60947-5-1, EN6812-1

### 2. Installation and Wiring

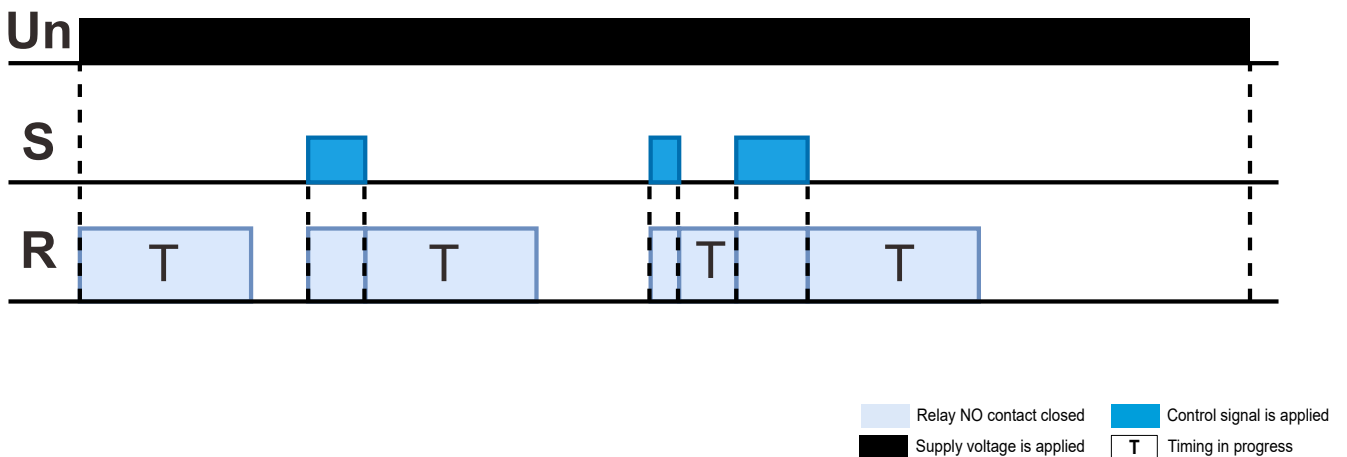


A1	L / +	AC / DC	R1-Max. 16A/250Vac		
A2	N / -	12-240V	11	12	14
S	Control Signal		C	NC	NO

### 3. Safety Instructions



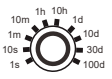
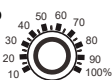
- Keep the power supply disconnected during the entire installation process
- Carefully check the wiring diagram and follow it correctly
- Adhere to the specified voltage and current limits for each connection terminal

### 4. Function Diagram

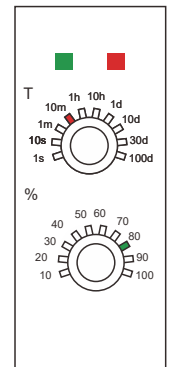
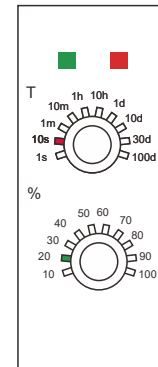
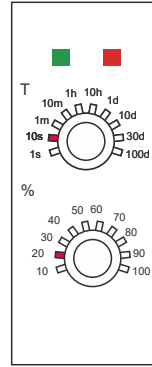


Relay NO contact closed
  Control signal is applied  
 Supply voltage is applied
 T Timing in progress

## 5. Panel

Un 	Unlit	Supply voltage not applied
	Lit	Supply voltage applied
R1 	Unlit	NC (11-12) contact closed
	Lit	NO (11-14) contact closed
	Flashing	Timing in progress
T 	Time Range Setting	
% 	Fine time setting	

## 7. Setting Example



## 6. Setting

### 1. Enter Parameter Setting Mode

To set new parameters, press and hold the button until the LED starts flashing.



### 2. Confirm New Parameters

After adjusting the parameters to your desired values, press and hold the button until the LED stops flashing.

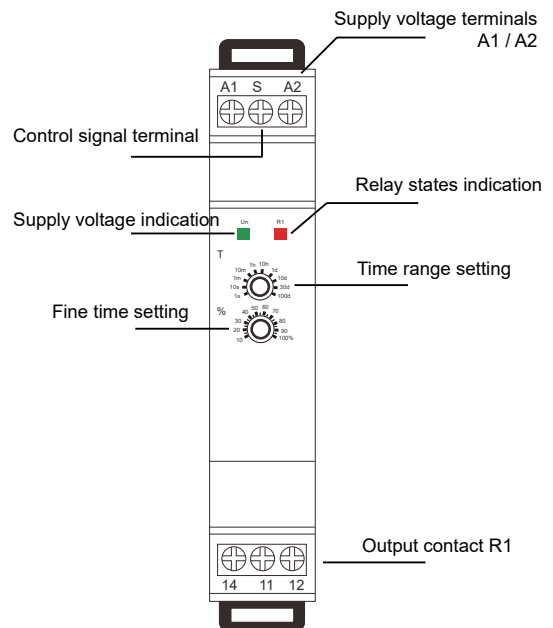
\*Setting the specified value of time range, when the green LED on, add 5% to the setting indicated on the scale.



### 3. Make Parameters Effective

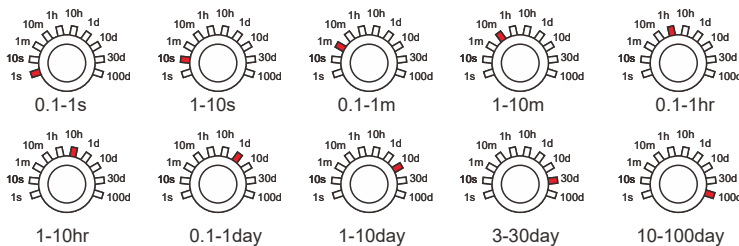
To activate new parameters, power off and restart the device

## 8. Description



## 9. Setting Details

### Time range setting



### Fine Time setting

