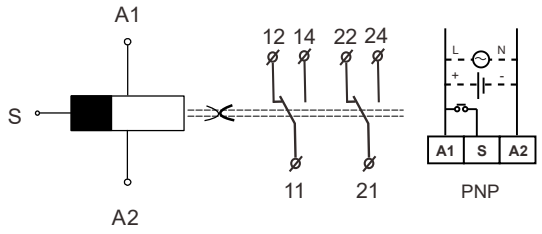
FCT18-B2WP

Installation and Operation Manual

1.Parameters

	FCT18-B2WP
Input	
Input Terminal	A1 - A2
Supply Voltage	12-240V AC/DC
Power Consumption	AC 3.5VA/ DC 2.0W
Voltage Tolerance	-15%~+10%
Control Circuit	
Control Terminals	A1-S
Control Pulse Length	min.25ms / max. unlimited
Time Circuit	
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)
Output	
Contact	2 x SPDT
Rated Current	16A @ 250V AC
Mechanical life	1 × 10^7 operations
Electrical Life	1 × 10^5 operations
Other	
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^2)	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 12-240V
A2	N / -	
S	Control Signal	

R1-Max. 16A/250Vac		
11	12	14
C	NC	NO

R2-Max. 16A/250Vac		
21	22	24
C	NC	NO

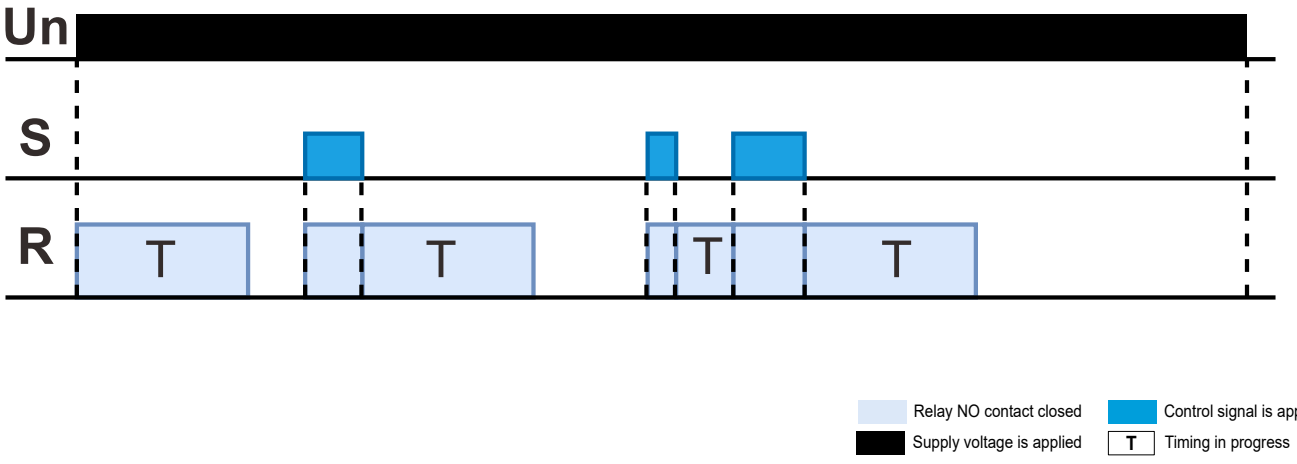
3. Safety Instructions

●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

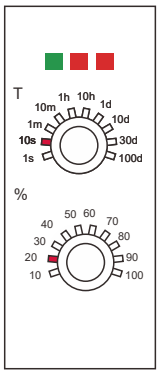
4. Function Diagram



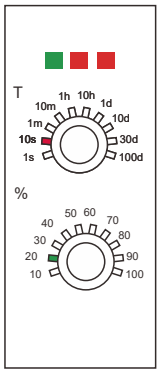
5. Panel

Un	Unlit	Supply voltage not applied
	Lit	Supply voltage applied
R1 R2	Unlit	NC (11-12 / 21-22) contact closed
	Lit	NO (11-14 / 21-24) contact closed
	Flashing	Timing in progress
T	Time Range Setting	
%	Fine time setting	

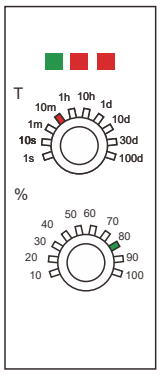
7. Setting Example



T: 2m(10m*20%)



T: 2. 5m(10m*25%)



T: 8.5m (10 m*85 %)

6. Setting

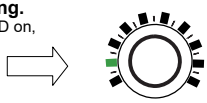
1.Enter Parameter Setting Mode

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.**

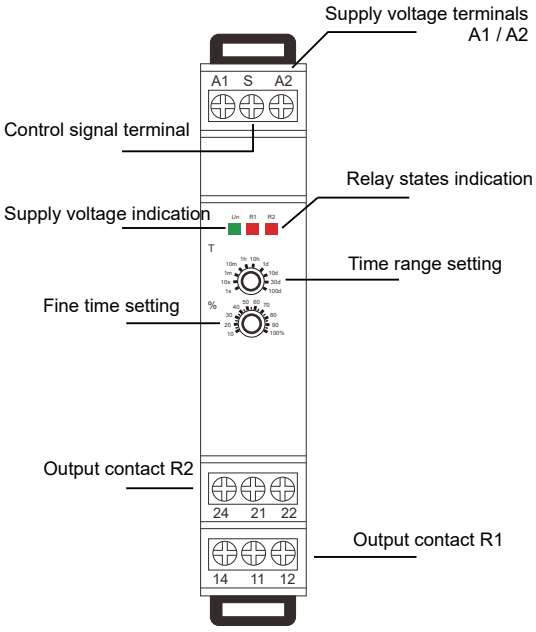
*Setting the specified value of time range, when the green LED on, add 5% to the setting indicated on the scale.



3.Make Parameters Effective

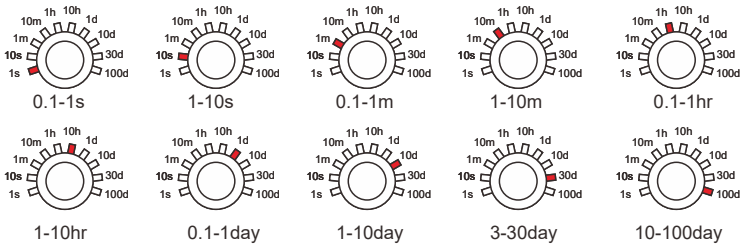
To activate new parameters, **power off and restart the device**

8. Description



9. Setting Details

Time range setting



Fine Time setting