



DESCRIPTION

- Multi - Function Timer that can operate up to 5 functions. In the same
- Time can be set in seconds, minutes, hours, days up to 10 days.
- Compatible with both AC and DC power.
- Small, compact. Easy installation on DIN Rail

TECHNICAL SPECIFICATION

	PF-04-1	PF-04-2	PF-04-3
Power Supply	18 - 350 VDC / 50-265 VAC		
Operating Voltage (Un)	18 - 350 VDC / 50-265 VAC		
Operating Frequency	50 - 60 Hz		
Power Consumption	< 3VA		
Time setting	10s =10 Second	1m =1 Minute	1Hr =1 Hour
Time Range (T _d)	100s =100 Second	10m =10 Minute	10Hr =10 Hour
Output	2 Form C (SPDT)		
Relay Output Type	2 Form C (SPDT)		
Maximum Rating	5A 250Vac / 5A 30Vdc		
Environment	IP20		
IP Protection Class	IP20		
Operating Temperature	0 - 70 °C		
Operating Humidity	10 - 85% RH		
Connection	DIN RAIL Mounted		
Enclosure	ABS-V0 (UL-94 V0)		
Size (mm.)	62 x 18 x 90		
Weight	62 g.		

OPERATION

Set the time before power supply to PF - 04 when supplying. Timer will start working

The PF - 04 can operate up to 5 functions. you can select the Selector Pot and do the following:

1. ON Delay (ND)

When starting, the output relay is OFF. And PF - 04 will be delayed by dT_{off} when the delay time is reached. Relay is ON (ON).

2. OFF Delay (FD)

When power is supplied, Relay Output is ON and PF - 04 will count down time as dT_{on} set. At the set time, Relay Output will be in the OFF state forever.

3. ON-OFF Delay (NFD)

When power is supplied to the power supply, the output relay is in the OFF state at the set time dT_{off} and will be ON temporarily for the dT_{on} period set. When the time is set and PF-04 will delay, dT_{on} will come back in the OFF state forever.

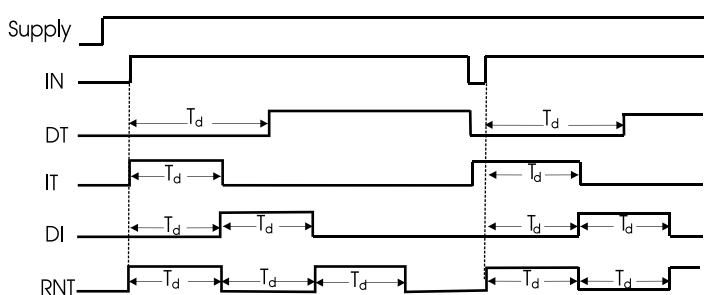
4. ON Flasher (Fon)

When power is supplied to the power supply, the output relay is in the ON state at the set time dT_{on} and OFF at dT_{off} set time and this will happen forever bloated.

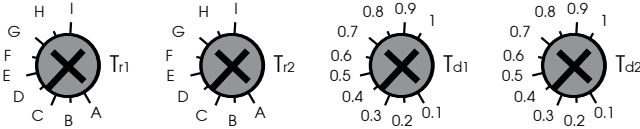
5. OFF Flasher (Foff)

When power is supplied to the power supply, the output relay is in the OFF state at the set time dT_{off} and ON time dT_{on} set and this will happen forever bloated.

SUMMARY OPERATION MODE FUNCTION AS SHOWN BELOW



DELAY TIME SETTING

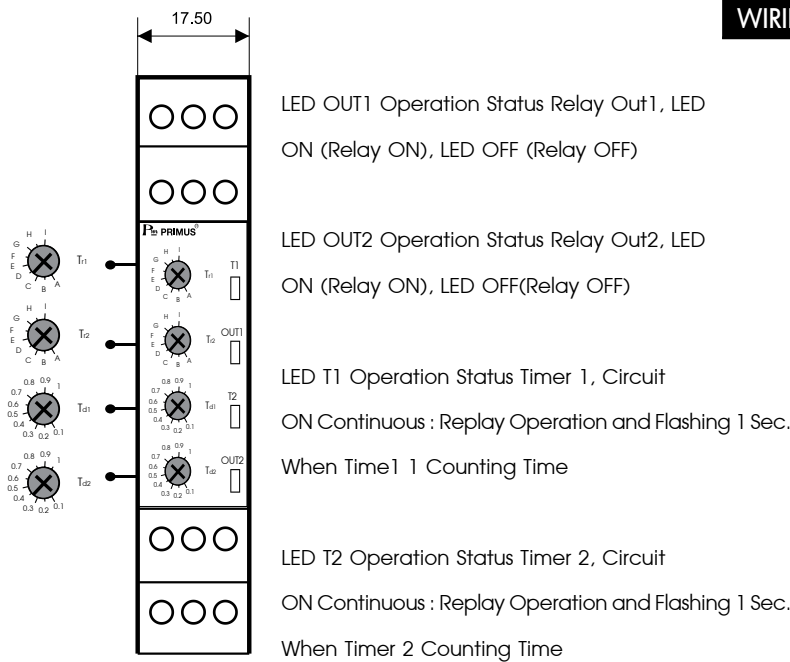


Delay Time = $T_r \times T_d$

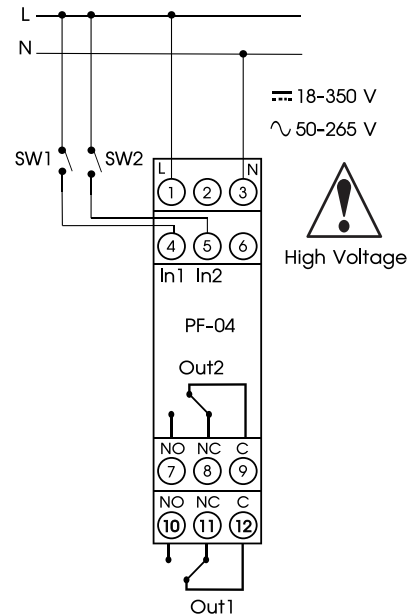
Exp. Select B Delay ON Operate Timer, Timer Range : 100 s , $T_d = 0.5$

Delay Time = $100 \times 0.5 = 50$ s

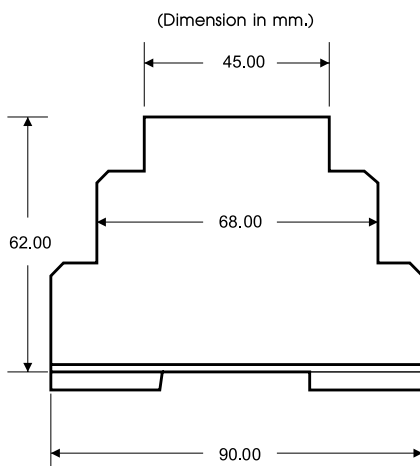
	Function	Timer Range		
		PF-04-1	PF-04-2	PF-04-3
A	Delay On Operaton	10s	1 Minute	1 Hr
B	Timer (DT)	100s	10 Minute	10 Hr
C	Interval Timer (IT)	10s	1 Minute	1 Hr
D		100s	10 Minute	10 Hr
E	Delay On Interval Timer (DT)	10s	1 Minute	1 Hr
F		100s	10 Minute	10 Hr
H	Recycle Timer	10s	1 Minute	1 Hr
I	Start ON (RNT)	100s	10 Minute	10 Hr



WIRING DIAGRAM



DIMENSION



- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
- Never modify the unit to prevent damage or incident such as malfunction and fire etc.

ORDERING CODE

PF - **04** - []

Time Range

Time Range	
1	10 Sec / 100 Sec
2	1 Minute / 10 Minute
3	1 Hr / 10 Hr