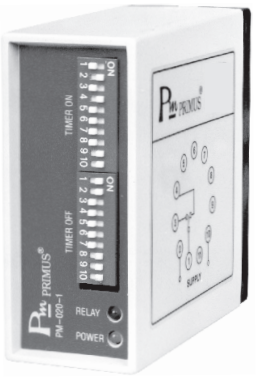
PM-020-1-SERIES

UNIVERSAL RECYCLE TIMER

PRIMUS



Socket



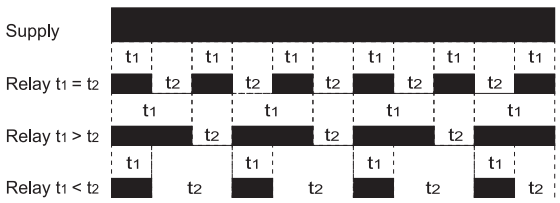
Description

- Universal Recycle Timer : PM-020-1 Series is a timer designed for automatic NO/OFF alternating operation.
- Adjustable time settings with 2 periods: Ton and Toff.
- Ton and Toff can be set from 1–255 seconds / minutes / hours
- Relay contact output: 10A/250VAC, 10A/30VDC.
- Equipped with LED indicators to show operating status.
- Easy DIN rail mounting for convenient installation and use.

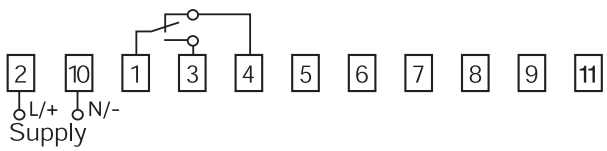
Specification

Power Supply		110, 220VAC ±10% 50/60Hz
		24 VAC/VDC ±10%
Power Consumption		2VA
Display	Power Supply	LED
	Relay Output	LED
Timer Setting	ON Timer	8 Dip Switch
	OFF Timer	7 Dip Switch
	Unit of Time	2 Dip Switch
Output	Relay Output	1 Relay SPDT, 10A 250VAC/10A 30VDC
Ambient Operation	Temperature	-10°C to 60°C
	Humidity	85% RH Non-Condensing
Ambient Storage	Temperature	-20°C to 80°C
	Humidity	85% RH Non-Condensing
Protection Degree		IP40
Installation		DIN Rail Mounting
Material		ABS-V0
Size (mm.)		38 x 80 x 83.5
Weigth (kg.)		235

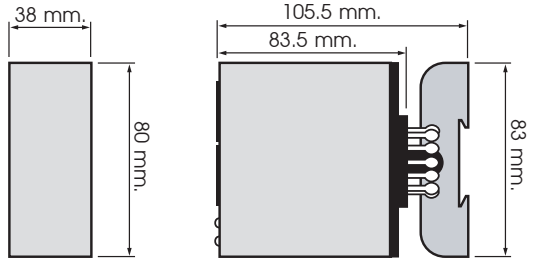
Operation Graph



Wiring Diagram



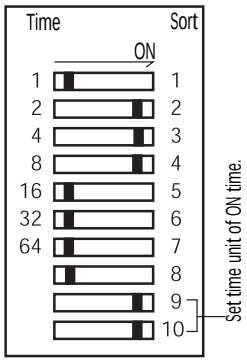
Dimension



Operation

Universal Recycle Timer : PM-020-1 Series is a timer designed for automatic ON/OFF alternating operation. It allows two adjustable time periods, Ton and Toff, which can be set from 1–255 seconds, minutes, or hours.

How to set On and OFF time

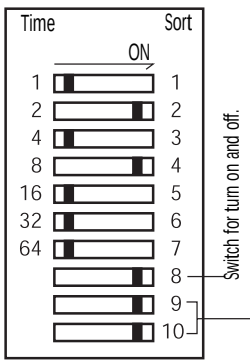


Example of Time Setting

When you want to set the time to 14 seconds:

1. Slide Time Switch 2 to the ON position.
2. Slide Time Switch 4 to the ON position.
3. Set the remaining time switches to the OFF position.
4. Time 2 + Time 4 + Time 8 = 14 seconds (the required time).
5. Set the unit to seconds by sliding Switches 9 and 10 to the ON position (as shown in the diagram on the left).





Example of OFF Time Setting

When you want to set the time to 10 seconds:

1. Slide Time Switch 2 to the ON position.
2. Slide Time Switch 8 to the ON position.
3. Set the remaining time switches to the OFF position (1, 3, 5, 7).
4. Time 2 + Time 8 = 10 seconds (the required time).
5. Set the unit to seconds by sliding Switches 9 and 10 to the ON position (as shown in the diagram on the left).



Remark: The ON time and OFF time can be set by sliding the time selector switches (left side) to the ON position (right side) according to the specified time values. If a time longer or shorter than the indicated values is required, this can be achieved by combining multiple time values to obtain the desired total time.

Ordering Code

PM-020 -1- [Power Supply: 220]

Power Supply	
024	24VAC/DC
110	110VAC
220	220VAC