

# OPERATING INSTRUCTIONS

## 800POD



Please maintain these instructions and review them prior to using the unit:

### ⚠ Warning :

- The Equipment is built-in type with Class II construction and is protected by Reinforced Insulation. Terminals are a part of the front panel and are protected by means of finger guards. Finger guards are not to be removed during wiring, installation, operation or maintenance.
- The power should be turned off while wiring and maintenance to prevent the risk of electric shock. Do not touch any terminals when the power is ON.
- Wiring shall be done strictly according to the terminal layout with shortest connections.
- Fuse Protection: The equipment does not have Built-in fuse. External fuse of rating 275 VDC/1 A is recommended.

### ⚠ Caution:

- This unit is not intended for outdoor use.
- The power connection cable must have a cross-section of atleast 1sq.mm and insulation capacity of atleast 1.5kV. Use lugged terminals to meet M3 screws.
- The output connections must not be loaded beyond the specified values/range.
- Avoid inflow of dust and contact of conductive material with the internal circuitry of the unit.
- Clean the equipment with a clean, soft cloth. Do not use any organic solvents for cleaning.

## SPECIFICATIONS

### Supply Voltage

110 V to 240 VAC. (tolerance : -15 to +10% AC: 50 or 60 Hz).

### Delay Modes

True power off delay.

### Time range

180 sec (factory set).

### Output Contact

2 NO/NC.

### Accuracy

Setting:  $\pm 10\%$  of full scale.  
Repeat:  $\pm 2\%$  or 100 msec whichever is greater.

### Led indication

Power 'ON'.

### Reset time

100 ms.

### Relay rating

2.5 A @250 VAC / 28 VDC,  
Resistive load  $\pm 10\%$  for both V & I.

### Mounting

Din rail / Screw mounting.

### Size (in mm)

22.5(W) x 75(H) X 101(D).

### Housing

**CE marked products:** Flame retardant plastic.

**Non CE products:** ABS plastic.

### Temperature

Operating: 0°C to 50°C.

Storage: - 20°C to 75°C.

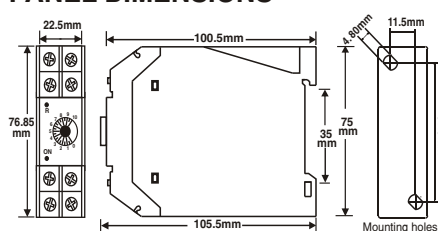
### Humidity

Up to 95% RH.

### Weight

115 grams.

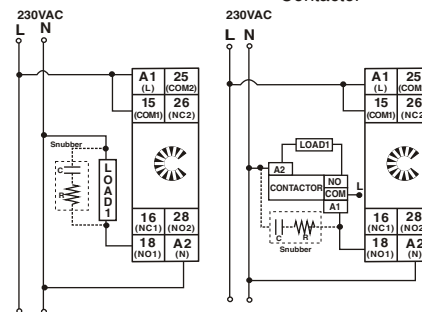
## PANEL DIMENSIONS



## TYPICAL LOAD CONNECTIONS

1. For load current less than 0.5A

2. For bigger loads, use interposing relay / Contactor

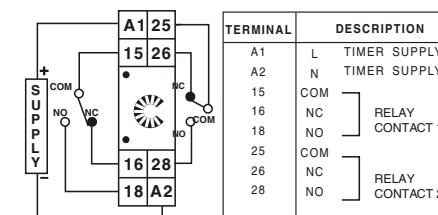


1) Snubber Part No.: APRC - 01.

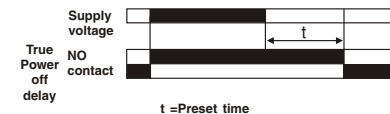
2) MOV Part No.: AP-MOV - 03.

Note: Use snubber as shown above to increase the life of internal relay.

## TERMINAL CONNECTIONS



## OPERATING MODE:



(Specifications subject to change as development is a continuous process)

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