




DIN 17.5mm

## Features :

- 3Ø - 3 Wire Input
- Monitors Phase Sequence, Phase Failure, Under Voltage, Over Voltage
- Trip Delay (T) : 0.2 to 10sec
- LED Indication : Relay ON, Power ON
- Slim, Space Saving Design
- DIN Rail Mount

Certifications : CE 

### Display Specifications

|             |        |
|-------------|--------|
| Type        | Analog |
| No. of LED  | 2      |
| No. of Knob | 3      |

### LED Indication Chart

| Condition         | 'R' LED | 'ON' LED |
|-------------------|---------|----------|
| Nominal Condition | ON      | ON       |
| Fault Condition   | OFF     | ON       |

### Input Specifications

|                         |  |
|-------------------------|--|
| Accuracy (Trip Voltage) | ±1% of Full Scale                        |
| Accuracy (Trip Time)    | ±5% of Full Scale                        |
| Reset                   | Auto Reset on Removal of Fault Condition |

### Output Specifications

|               |                          |
|---------------|--------------------------|
| Relay Contact | 1 C/O (SPDT)             |
| Relay Rating  | NO / 5A, NC / 3A@250V AC |

### Auxiliary Supply Specifications

|                       |                |
|-----------------------|----------------|
| Nominal Input Voltage | 230V AC        |
| Operating Voltage     | 170 to 290V AC |
| Power Consumption     | 20VA max       |

### Functional Specifications

|                |                |
|----------------|----------------|
| Phase Sequence | Yes            |
| Phase Failure  | Yes            |
| Under Voltage  | 170 to 224V AC |
| Over Voltage   | 236 to 290V AC |
| Trip Delay (T) | 0.2 to 10sec   |
| Power On Delay | 400msec        |

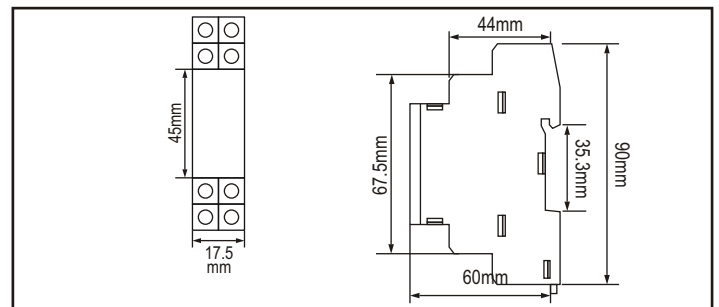
### Environmental Specifications

|                              |  |
|------------------------------|--|
| Temperature                  | Operating Temperature : 0° to 50°C (32 to 122°F)<br>Storage Temperature : -20° to 75°C (-4 to 167°F) |
| Humidity (Non-Condensing)    | Upto 95% RH  |
| Pollution Degree             |  |
| For PCB                      | 2  |
| For Product                  | 3  |
| Degree of Protection Devices | IP20   |

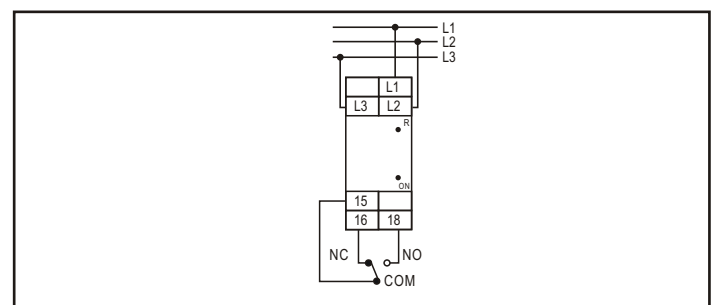
### Mechanical Specifications

|                         |          |
|-------------------------|----------|
| Mounting                | DIN Rail |
| Weight                  | 62gms    |
| Screw Tightening Torque | 0.6 NM   |

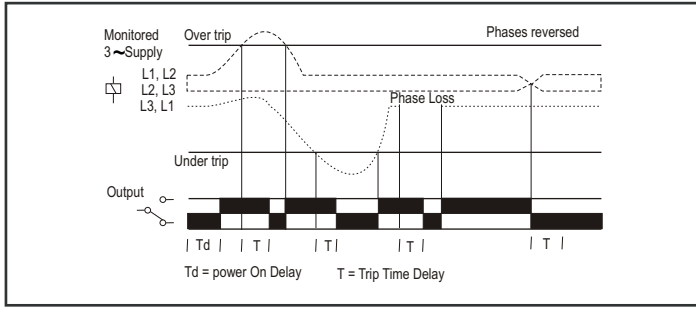
### Dimensions



### Terminal Connection



Timing Diagram



Ordering Information

| Product Code      | Operating Range | Certification                           |
|-------------------|-----------------|---|
| 600VPR-170/290-CU | 170 to 290V AC  | CE <sup>c</sup> UL <sub>US</sub> LISTED |

Compliance

| Applicable EMI / EMC Standards    |                     |               |
|-----------------------------------|---------------------|---------------|
| Product Standard : IEC 61326-1    |                     |               |
| Category                          | Reference Standards | Testing Level |
| Electrostatic Discharge           | IEC 61000-4-2       | Level-3       |
| Electrical Fast Transient / Burst | IEC 61000-4-4       | Level-3       |
| Electromagnetic Field             | IEC 61000-4-3       | Level-3       |
| Surge                             | IEC 61000-4-5       | Level-3       |
| Conducted RF                      | IEC 61000-4-6       | Level-2       |
| Rated Power Frequency             | IEC 61000-4-8       | Level-4       |
| Voltage Dip / Short Interruptions | IEC 61000-4-11      | Level-3       |
| Conducted Emissions               | CISPR-11            | Class-B       |
| Radiated Emissions                | CISPR-22            | Class-A       |
| Emission & Immunity               | IEC 61326-1         |               |
| Safety                            | IEC 61010-1         |               |