




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

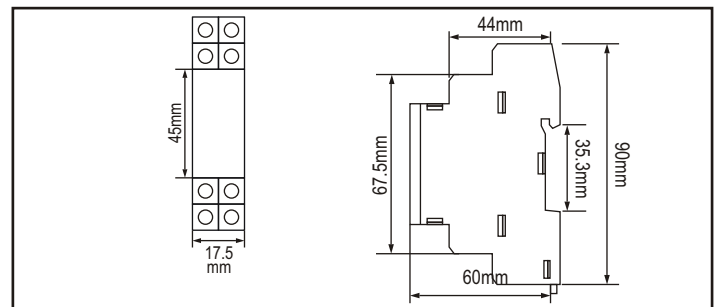
### Environmental Specifications

Temperature	Operating Temperature : 0° to 50°C (32 to 122°F) 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

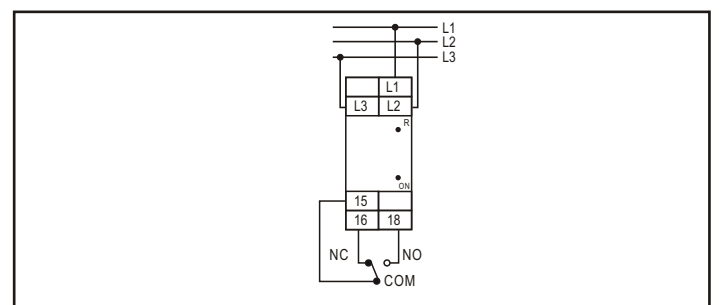
### Mechanical Specifications

Mounting	DIN Rail
Weight	62gms
Screw Tightening Torque	0.6 NM

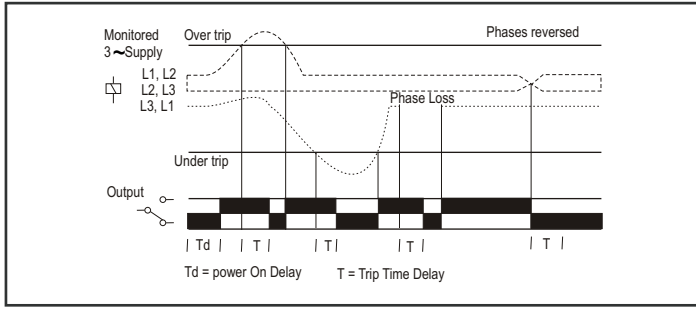
### Dimensions



### Terminal Connection



Timing Diagram



Ordering Information

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