



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

Certification :

### 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 voltage)	± 1% 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
Power consumption	20VA max
Operating voltage	170 to 290V AC
Operating frequency	50/60 Hz

### 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

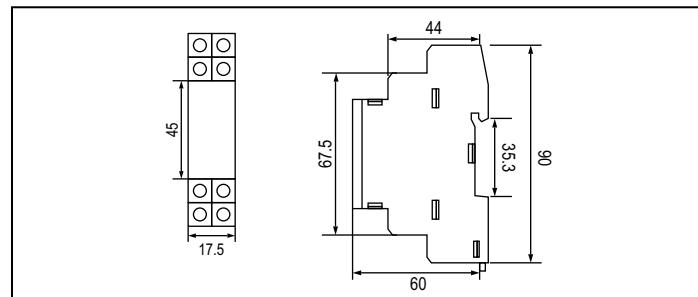
### Environmental specifications

Temperature	Operating : 0 to 50°C (32 to 122°F) Storage : -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 of device	IP20

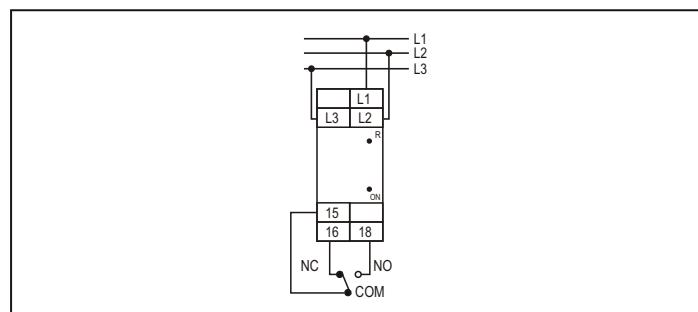
### Mechanical specifications

Mounting	Din rail
Weight	62gms
Screw tightening	0.6 NM

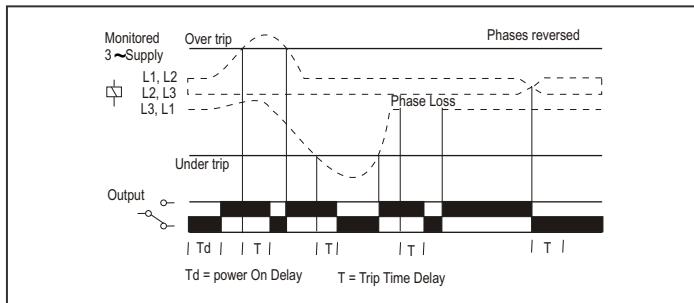
### Dimensions (All are in mm)



### Terminal connections



## Timing diagram



## Ordering information

Product code	Operating range	Certification
600VPR-170/290-CU	170 to 290V AC	CE UL LISTED

## Compliance

Applicable EMI / EMC standards		
Product standard - IEC 60255-1/IEC60947-5-1		
Category	Reference standards	Testing Level
Electrostatic discharge	IEC 61000-4-2	Level-3
Electrical fast transient / Burst	IEC 61000-4-4	Level-4
Electromagnetic field	IEC 61000-4-3	Level-3
Surge	IEC 61000-4-5	Level-4
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-22	Class-A
Radiated emissions	CISPR-11	Class-A
Emission & Immunity	IEC 60255-26	
Safety	IEC 60255-27	