



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

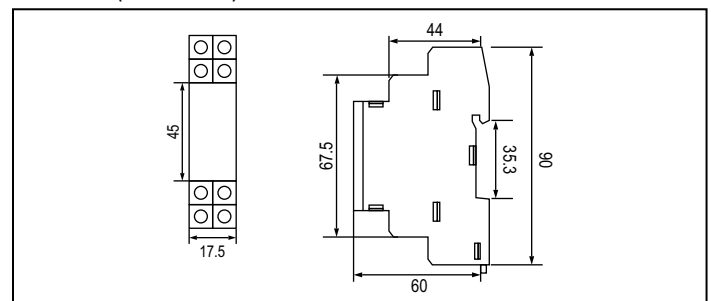
Environmental specifications

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

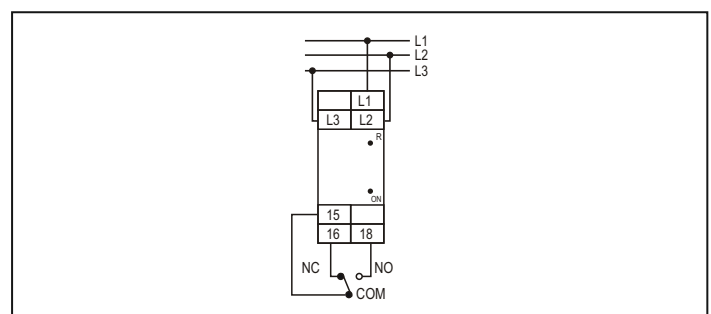
Mechanical specifications

Mounting	Din rail
Weight	62gms
Screw tightening	0.6 NM

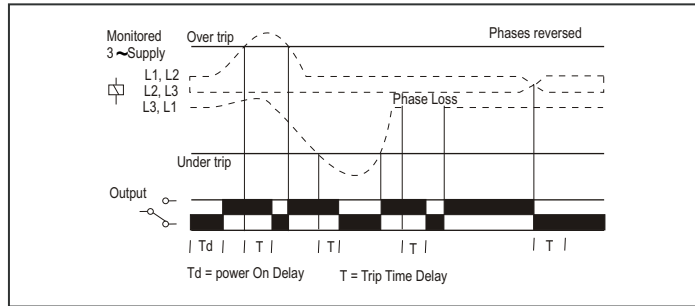
Dimensions (All are in mm)




Terminal connections



Timing diagram



Ordering information

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

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	