



DIN 17.5mm

Features :

- 3Ø - 3 Wire Input
- Monitors Under Voltage, Over Voltage, Phase Sequence & Phase Failure
- 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	'ON' LED	'R' LED
Nominal Condition	ON	ON
Fault Condition	ON	OFF

Input Specifications

Accuracy (Trip Voltage)	±0.5% 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	415V AC
Operating Voltage	310 to 520V AC
Power Consumption	20VA max

Functional Specifications

Phase Sequence	Yes
Phase Failure	Yes
Under Voltage	310 to 405V AC
Over Voltage	425 to 520V AC
Trip delay (T)	0.2 to 10sec
Power On Delay	400msec

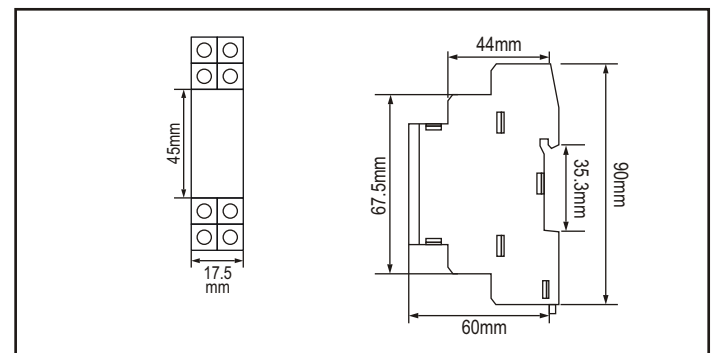
Environmental Specifications

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

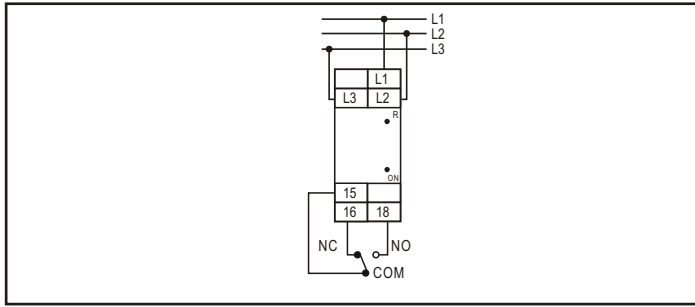
Mechanical Specifications

Mounting	DIN Rail
Weight	62gms
Screw Tightening Torque	0.6 NM

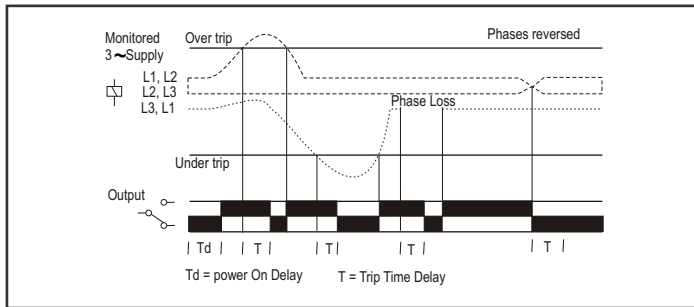
Dimensions



Terminal Connection



Timing Diagram



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	

Ordering Information

Product Code	Operating Range	Certification
600VPR-310/520V-CE	310 to 520V AC	CE