



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

Certifications : CE

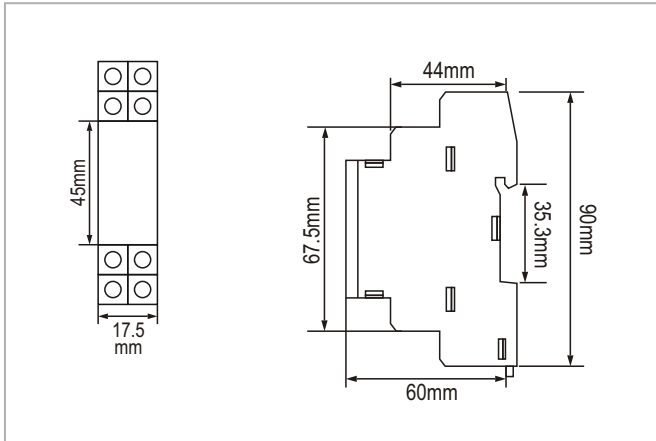
Technical specifications

Display specifications		
Type	Analog	
No. of LED	2	
No. of knob	3	
LED Indication chart		
Supply	'ON' LED	'R' LED
Nominal condition	ON	ON
Fault conditon	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		
Output 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	±0.5% of Full scale	
Under voltage	310 to 405V AC	
Over voltage	425 to 520V AC	
Trip delay (T)	0.2 to 10sec	
Power ON delay	15 sec	
Environmental specifications		
Operating temperature	0 to 55°C (32 to 122°F)	
Storage temperature	-20 to +75°C (-4 to 167°F)	
Humidity (non - condensing)	Up to 95% RH	
Pollution degree	For PCB 2, For Product 3	
Degree of protection devices	IP20	

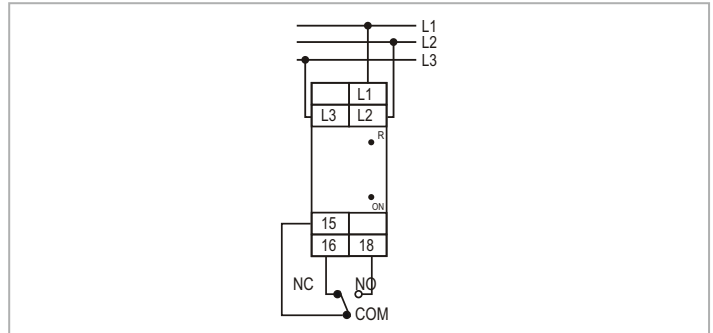
Mechanical specifications

Mounting	DIN Rail
Weight	62gms
Screw tightening torque	0.6 NM

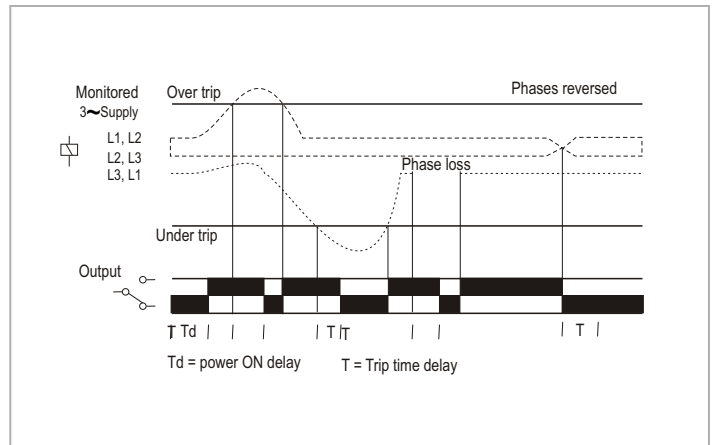
Dimensions (All are in mm)



Terminal connection



Timing diagram



Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 60947-2		
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 Emission	CISPR-11	Class-A
Safety	IEC 61010-1	

Ordering information

Product code	Supply voltage	Certification
600VPR-310/520V-CE	310 to 520V AC	CE