

**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 :  $\mathbf{C} \in \mathcal{C}_{\text{LISTED}}^{\text{c}(\mathbf{U}_{\mathbf{L}})_{\text{US}}}$ 

## **Display Specifications**

Туре	Analog
No. of LED	2
No. of Knob	3

#### **LED Indication Chart**

Condition	'R' LED	'ON' LED
Nominal Condition	ON	ON
Fault Conditon	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

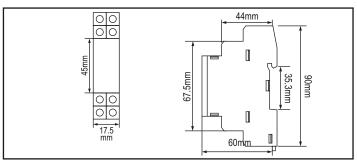
#### **Environmental Specifications**

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	

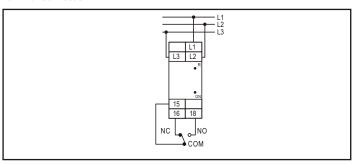
#### **Mechanical Specifications**

Mounting	DIN Rail
Weight	62gms
Screw Tightening Torque	0.6 NM

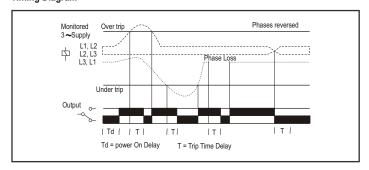
#### **Dimensions**



#### **Terminal Connection**



# **Timing Diagram**



## 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 / Brust	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-170/290-CU	170 to 290V AC	C € cUL us

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