

**DIN 22.5mm** 

# Features:

- 3Ø 3 Wire Input
- Monitors Under Voltage, Over Voltage, Phase Failure and Phase Sequence
- LED Indication : Power ON, Relay ON
- Trip Time Delay, Power ON Delay, Response Time, Recovery Time
- DIN Rail Mount
- Trip Delay (T): 0 to 10 sec

#### **Display Specifications**

Туре	Analog	
No. of LED	2	
LED Indication	Power ON, Relay ON	

#### **LED Indication Chart**

Condition	'ON' LED	'R' LED
Nominal Condition	ON	ON
Fault Condition	ON	OFF

## **Input Specifications**

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Measurements Under Voltage, Over Voltage, Phase

Failure, Phase Sequence

Time Settings Trip Time Delay

Reset Autoreset on Removal of Fault Condition

Electrical Connection 3Ø - 3 wire

**Trip Settings** 

 Under Voltage
 310 to 405V AC (L - L)

 Over Voltage
 425 to 520V AC (L - L)

Phase Failure Yes
Phase Sequence Yes

**Trip Time Settings** 

Trip Time Delay 0 - 10sec (For under and over voltages)

Instantaneous (For phase loss & phase

sequence)

Power On Delay 400ms

Hysteresis

Voltage 2V

Accuracy

 $\begin{array}{ll} \mbox{Time Setting Accuracy} & \pm 5\% \mbox{ of Full Scale} \\ \mbox{Voltage} & \pm 0.5\% \mbox{ of Full Scale} \\ \end{array}$ 

# **Output Specifications**

No. of Relays 1

Relay Contact 1 C/O (SPDT)

Relay Rating NO / 5A, NC / 5A@250V AC, Resitive load

## **Auxiliary Supply Specifications**

Supply Specification

Nominal Input Voltage

415V AC (L - L)

Operating Voltage

310 to 520V AC (L - L)

Power Consumption

22 VA max

Frequency

50 / 60Hz

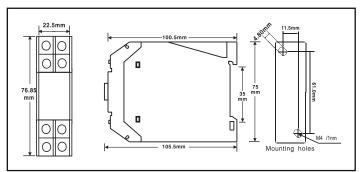
#### **Environmental Specifications**

Temperature	Operating Temperature : 0° to 50°C Storage Temperature : -20° to 70°C
Humidity (non-condensing)	Upto 95% RH
Pollution Degree	
For PCB	2
For Product	3
Degree of Protection Devices	IP20

## **Mechanical Specifications**

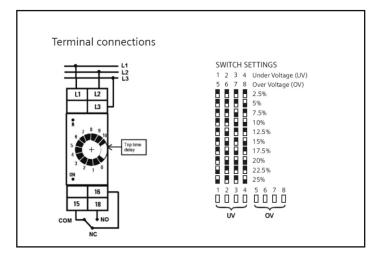
Mouting	DIN Rail
Weight	100gms

#### **Dimensions**



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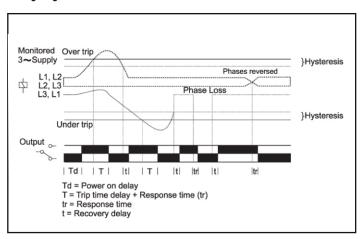
## **Terminal Connection**



# **Ordering Information**

Product Code	Operating Range	Certification
800VPR- 3	310 to 520V AC	

## **Timing Diagram**



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