

# V22 RYB Voltage Protection Device



## Features

- Compact Size
- LED Indicate For Healthy / Faulty Status
- Self Powered

## Protection Available

- ▶ Phase Asymmetry
- ▶ Phase Sequence
- ▶ Phase Loss

## Specification / Function

System	3Ø - 3W
Supply Voltage	280 to 520V AC (L-L)
Phase Loss	< 280V AC (L-L)
Phase Asymmetry	≥40V AC (L-L)
Hysteresis	6 V Fix (For Auto Reset)
Reset	Auto Reset on Healthy Condition
Output	1 C/O, 5 A 230V AC 5A, 28V DC (Resistive Load)
Power ON Delay	5 Second
Trip Delay	PS & PL ≤ 200ms Asy : 5 Sec.

## LED Indication

- Phase Sequence : LED will blink in R-Y-B sequence
- Phase Loss : LED OFF (Individual Phase)
- Asymmetry : LED will blink with Respective Phases

## Application

- Electrical Control Panel
- Submersible Pump
- Road Construction Panel
- MCC Panel
- Industrial Chiller And HVAC System
- D.G. Set

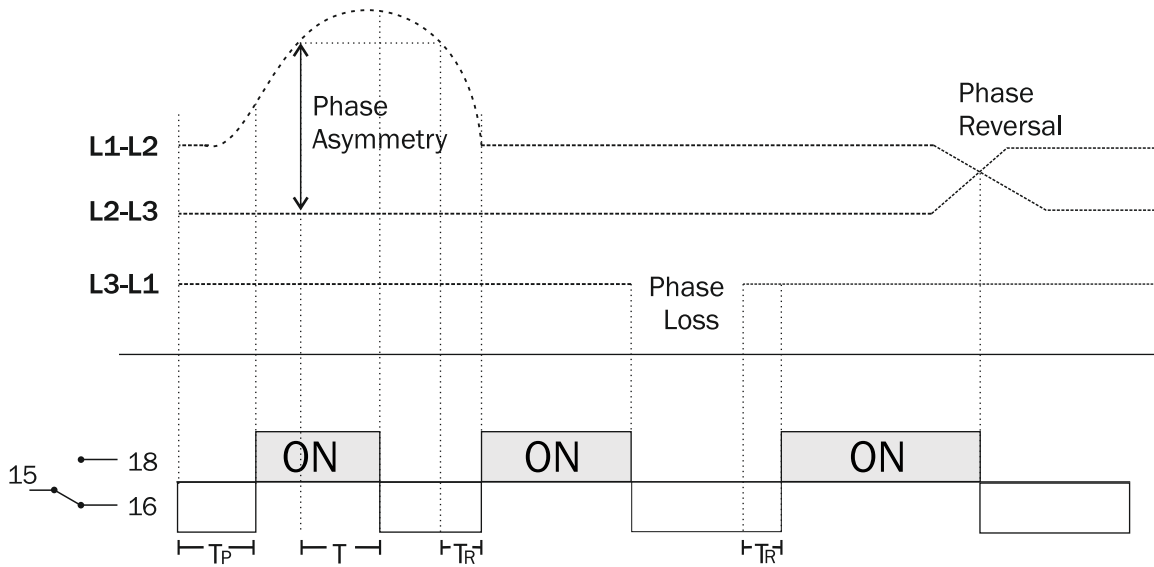
## Physical

Mounting Type	Din Rail Mount
Size ( H x W x D )mm	90 X 22.5 X 66.35
Material	ABS

## Environmental

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

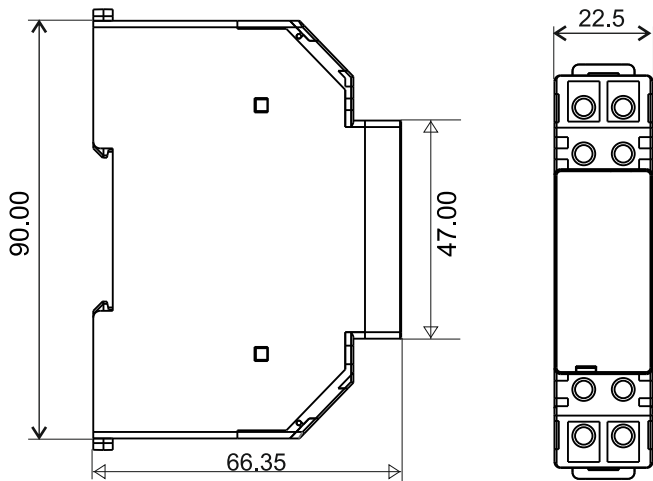
# Control Function



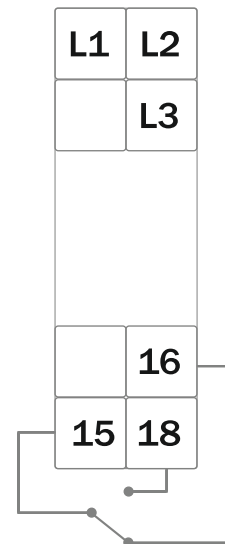
Phase Loss < 280V AC (L-L)  
 Phase Asymmetry  $\geq 40V$  AC (L-L)  
 Hysteresis 6 V Fix for (Auto Reset)

$T_P$  = Power ON Delay (5 sec)  
 $T$  = Trip Delay (5 Sec) Asymmetry  
 $T_R$  = Reset Time (<200ms)  
 $T$  = Trip Delay (<200ms) PL, PS

## Dimension



## Terminal Connection



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 Product improvement and upgrade is a constant procedure.