

SINGLE PHASE PREVENTOR

SPP-22

APPLICATIONS

Electrical Control Panel

Submersible Pump

Road Construction Panel

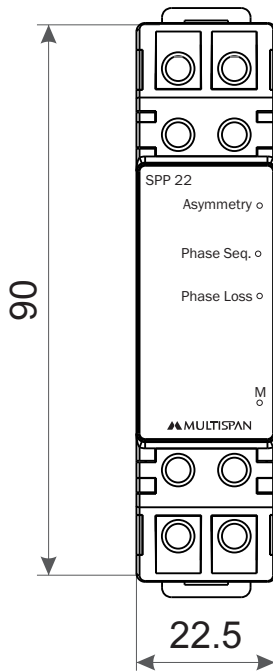
MCC Panel

Industrial Chiller And HVAC System

D.G. Set

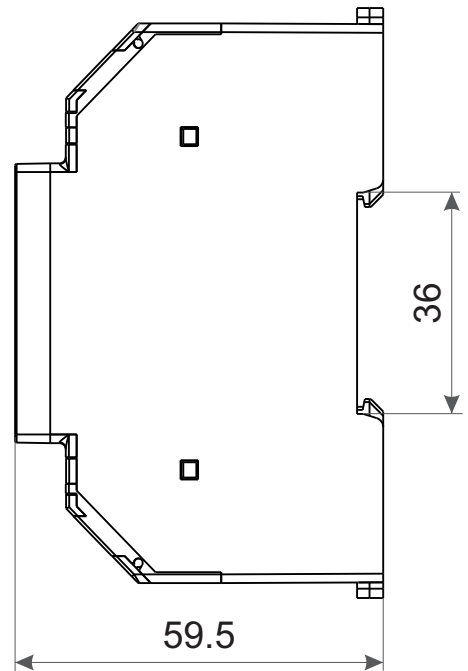
Mechanical Dimensions

Body Dimensions



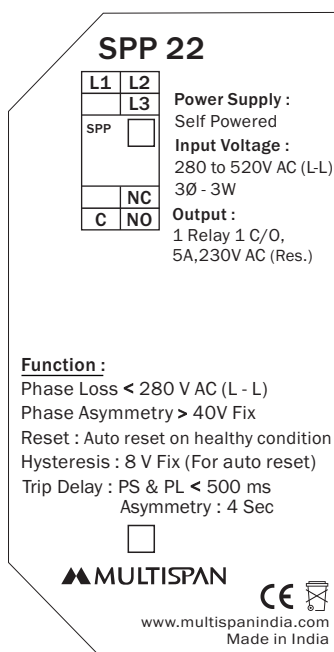
FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram



TECHNICAL DATA

Input Voltage	280 to 520 V AC (L-L)
Output	1 Realy 1 C/O, 5A, 230 V AC (Resistive load)
Phase Loss	< 280V AC (L-L)
Phase Asymmetry	40V AC (L-L)
Hysteresis	8 V
Reset	Auto Reset on Healthy Condition

Features

- Compact Size
- LED Indicate For Healthy / Faulty Status
- Self Powered
- High Precision & accuracy

Protection Available

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

Input

Direct Voltage	280 to 520 V AC (L-L)
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LED Indication

LED 1	Asymmetry	LED 3	Phase Loss
LED 2	Phase seq.	LED 4	Power On

Output

Relay	1 Realy 1 C/O, 5A, 230 V AC (Resistive load)
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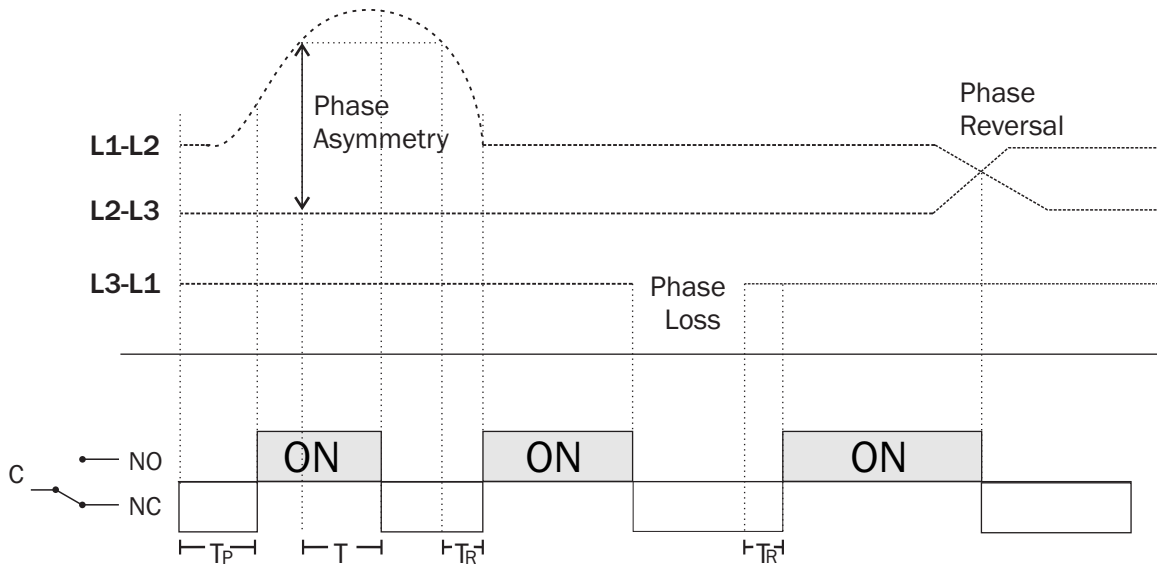
Environmental Characteristics

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing

Mechanical Characteristics

Mounting Type	Din Rail Mount
Dimension (HxWxD) mm	90 x 22.5 x 59.5
Material	Body Polycarbonate (PC)
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Guage (AWG)	26-14
Weight (Approx) gms	Unpacked : 200 Packed : 255

Control Function



T_p = Power ON Delay (<500ms)

T = Trip Delay (4 Sec)

Phase Loss < 280V AC (L-L)
 Phase Asymmetry 40V AC (L-L)
 Hysteresis 8 V