

# SINGLE PHASE PREVENTOR

SPP-22

## APPLICATIONS

Electrical Control Panel

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Submersible Pump

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Road Construction Panel

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MCC Panel

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Industrial Chiller And HVAC System

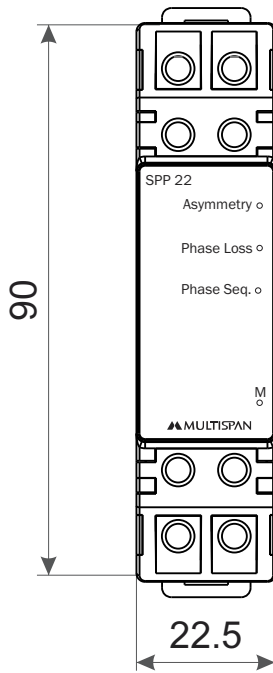
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D.G. Set

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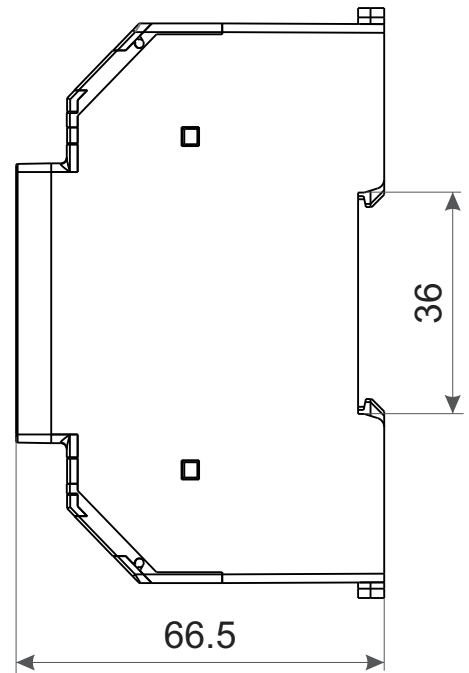
# Mechanical Dimensions

## Body Dimensions



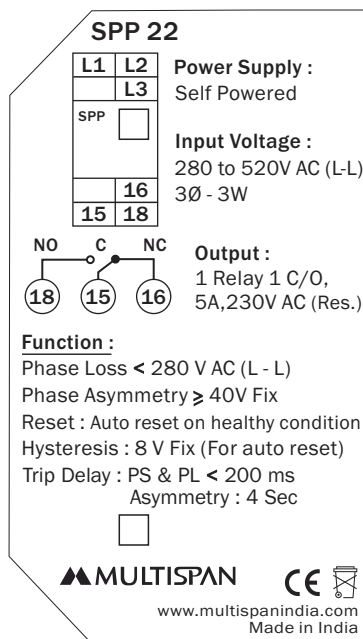
**FRONT VIEW**

All dimensions are in mm




**RIGHT SIDE VIEW**

# Connection Diagram



# TECHNICAL DATA

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

## Features

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

## Protection Available

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

## Input

<b>Direct Voltage</b>	280 to 520 V AC (L-L)
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## LED Indication

<b>LED 1</b>	Asymmetry	<b>LED 3</b>	Phase Sequence
<b>LED 2</b>	Phase Loss	<b>LED 4</b>	Power On

## Output

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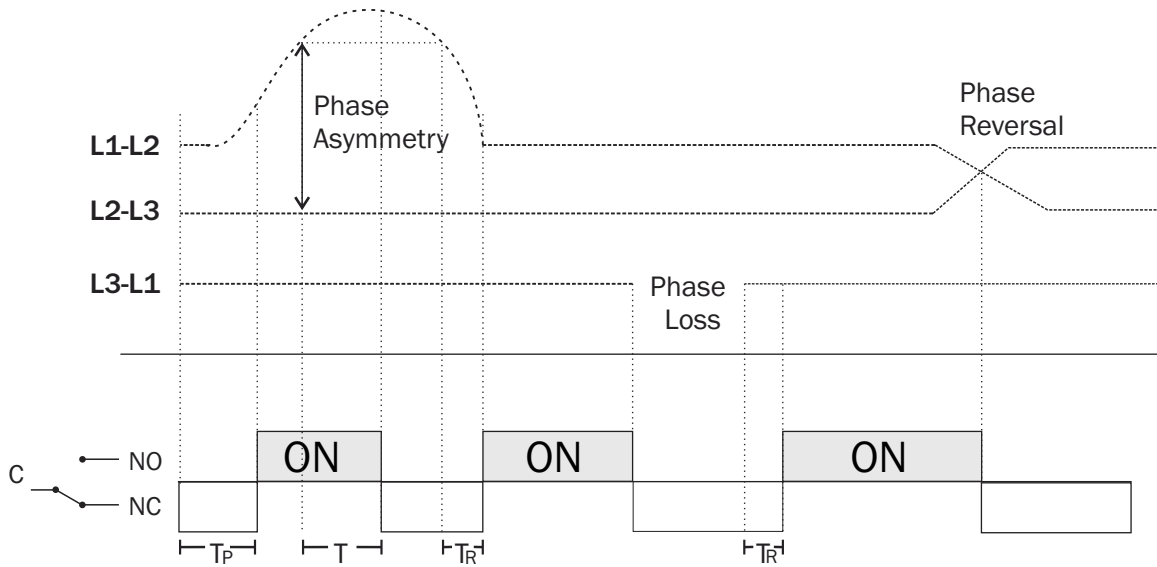
## Environmental Characteristics

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

## Mechanical Characteristics

<b>Mounting Type</b>	Din Rail Mount
<b>Dimension (HxWxD) mm</b>	90 x 22.5 x 66.5
<b>Material</b>	Body Polycarbonate (PC)
<b>Terminal Screw Size</b>	M3.5
<b>Screw Torque (N.m)</b>	0.5
<b>Wire Gauge (AWG)</b>	26-14
<b>Weight (Approx) gms</b>	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