



Features

- 3Ø-3W
- Monitors Phase Sequence, Phase Failure
- LED Indication: Relay ON
- Slim, Space Saving Design
- DIN Rail Mount

Display Specifications

Type	: 3Ø-3W, Analog
No. of LED	: 1

LED Indication Chart

Condition	Relay LED
Nominal condition	ON
Phase Reversed/Phase Failure	OFF

Input Specifications

Accuracy	: $\pm 1\%$ of F.S.(F.S.=Full Scale)
Reset	: Auto reset on removal of fault condition

Output Specifications

Output Contact	: 1C/O(SPDT)
Contact Rating	: NO/5A, NC/3A@250VAC

Auxiliary Supply Specifications

Power Consumption	: 10VA max
Operating Voltage	: 160 to 500V AC(L-L)

Functional Specifications

Phase failure Trip	: 3 Phase voltage<170V AC(L-L)
Phase Sequence	: Yes
Trip Accuracy	: $\pm 2.5V$
Response Time	: 200msec max.
Power On Delay	: 200msec
Hysteresis	: 10V

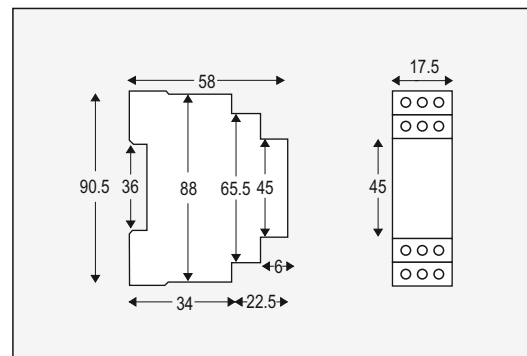
Environmental Specifications

Temperature	: Operating Temperature: 0° to 50°C Storage Temperature: -20° to 75°C
Humidity (Non-condensing)	: 95%RH

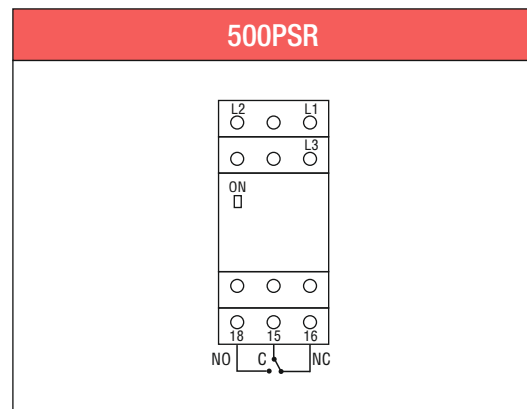
Mechanical Specifications

Mounting	: DIN Rail
Weight	: 66 gms
Screw Tightening Torque	: 0.6NM
Conductor Cross Section(Solid)	: 1x(0.75 to 2.5)sq.mm
Conductor Cross Section Fine	: 2x(0.5 to 2x1.5)sq.mm
Standard with End Sleeve	: 2x(0.5 to 1.5)sq.mm : 1x(0.5 to 2.5)sq.mm

Mechanical Specifications



Connection Diagram



Ordering Information

Product Name	Discription
500PSR	160V to 500V AC(L-L)