

PRELIMINARY
DATASHEET

DIN 17.5mm

Features :

- ! Din Rail & Wall Mount
- ! 3Ø - 3 Wire Input
- ! Monitor, Phase Failure(below 280V), Phase Sequence, Phase Asymmetry
- ! Space Saving design

Display Specifications

No of LED	2
LED Indication	Healthy, Phase Sequence, Phase Asymmetry, Phase Failure

LED Indication Chart

Conditions	'ON' LED	'R' LED
Healthy	ON	ON
Phase Sequence	ON	3sec Blinking
Phase Asymmetry	ON	OFF
Phase Failure	1sec Blinking	ON

Relay Status

Conditions	Relay Position
Power ON Delay	COM (15) - NC (16)
Nominal Condition	COM (15) - NO (18)
Fault Condition	COM (15) - NC (16)

Input Specifications

Functional	
Voltage Accuracy	±1% of full scale
Reset	Auto reset on removal of fault condition
Phase Failure	Present
Phase Sequence	Present
Phase Asymmetry	30V
Trip Delay	
Power On Delay	<500msec
Trip Time	<400msec
Recovery Time	<400msec
Hysteresis	6V

Output Specifications

Relay Contact Rating	NO : 5A@250V AC / 30VDC (Resistive) NC : 3A@250V AC / 30VDC (Resistive)
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Auxiliary Supply Specifications

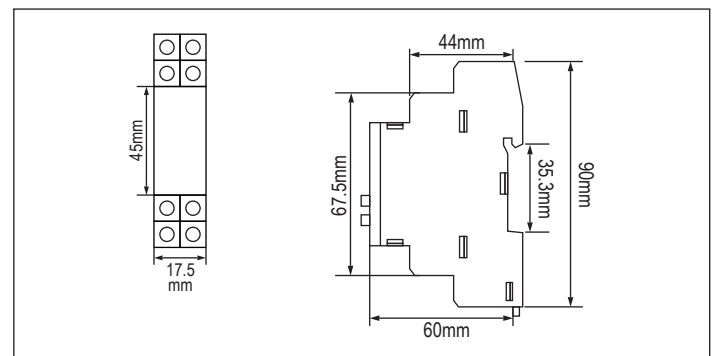
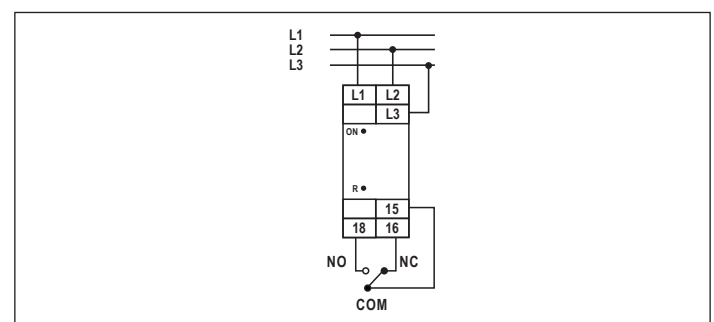
Operating Voltage	280 to 520V AC (L-L)
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Environmental Specifications

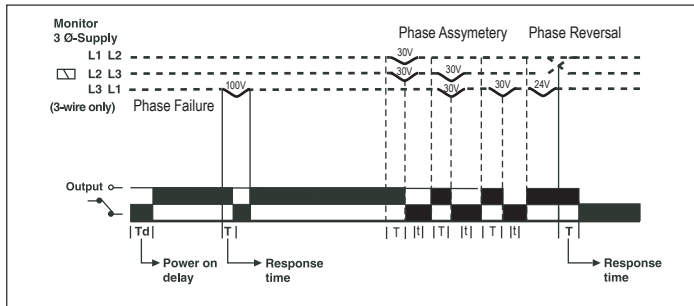
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C
Humidity (non-condensing)	95% (RH)

Mechanical Specifications

Mounting	DIN Rail, Wall Mount
Weight	80 gms
Screw Tightening	0.5NM

Dimensions**Terminal Connections**

Timing Diagram



Ordering Information

Product Code	Supply Voltage	Certification
642PSR	280 to 520V AC	—