

VPR-3P

PHASE VOLTAGE PROTECTION RELAY



TECH SPECS

Dimension (HxWxD) mm	75 x 45 x 110
Mounting	Din Rail Mounting
Input Voltage	280 to 520 V AC (L-L) 3Ø-3W 160 to 300 V AC (L-N) 3Ø-4W
Output	1 ST Relay 1 C/O, 10A, 230 V AC (Resistive load) 2 ND Relay 1 C/O, 5A, 230V AC
Accuracy	Class 1.0
Power Supply	Self Powered, 30VA Max

APPLICATIONS

DG Set Panels

Motor Control Center Panels

Control Panels

Distribution Panels

Technical Specifications

FEATURES

- Auto/Manual/ZVR (Zero Value Reset) Reset Option
- Power Fail Fault Memory

Protection Available

- Over Voltage
- Under Voltage
- Over Frequency
- Under Frequency
- Asymmetry
- Phase Loss
- Phase Sequence

Meter type

3Ø-3W/3Ø-4W

Input

Direct Voltage	280 To 520V (L-L) 160 TO 300V (L-N)
Resolution	1 Volt
Frequency	45.0 TO 65.0 Hz

Setting Parameter

Trip Setting

Under Voltage	260-520 V AC (3Ø-3W), 160-300 V AC (3Ø-4W)
Over Voltage	260-520 V AC (3Ø-3W), 160-300 V AC (3Ø-4W)
Under Frequency & Over Frequency	45 TO 65 Hz
Phase Asymmetry	2-30 %

Time Parameter

Power ON Delay Time	0 to 99 Seconds
Trip Delay Time	0 to 999 Seconds
Recovery Time	0 to 99 Seconds

Auxiliary Power Supply

Power Supply	Self Powered
Burden	30VA Max

Display, LED & Keys

Display	0.4" Red LED, 3 digit
Key	SET , Increment , Decrement / RESET
LED Indication	LINE-1 , LINE-2 , LINE-3, RELAY

Output

Relay	1 ST Relay with 1 C/O,10A 230 V AC On Resistive Load 2 nd Relay 1 C/O, 5A, 230V AC
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Accuracy

Class 1.0 (Standard)

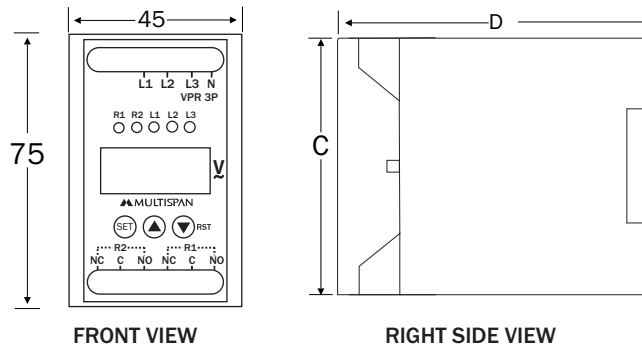
Environmental

Operating Temperature	0 to 55 °C
Storage Temperature	0 to 70 °C
Humidity	95% RH Non-condensing

Dimensions

Mounting	Din Rail Mounting
Bezel	75 X 45 mm
Depth of Installation	110 mm

Mechanical Dimension



MODEL	A	B	C	D
DIMENSIONS	75 mm	45 mm	75 mm	110 mm

Connection Diagram

