



VERITEK

PROTECTION RELAY



VIPS 33PSR

TEST CERTIFICATE

Type : Monitors : Under Voltage, Over Voltage, Phase Failure, Phase Imbalance & Phase reversal

Accuracy : Class 1 Accuracy Test :
Tripping Observed Between at set value

Found OK:

Note :

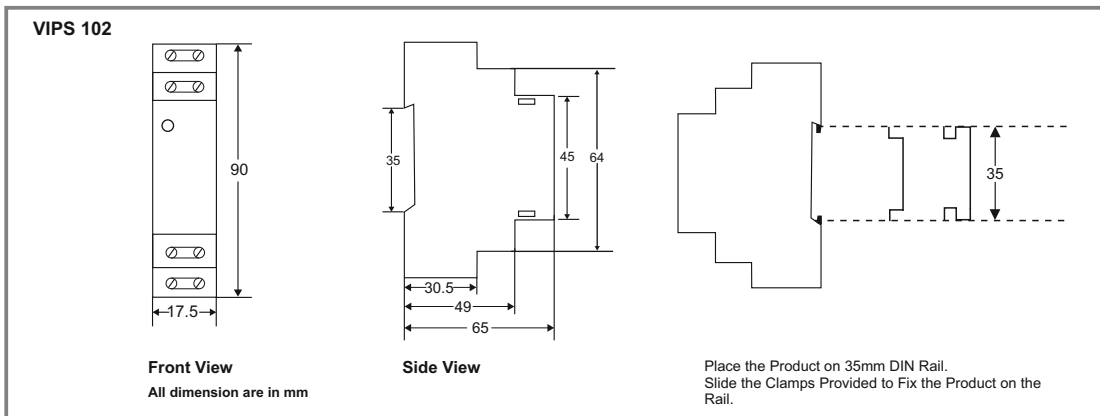
For Digital Readouts the error is Computed in Counts.
- Class 1.0 = $\pm 1\%$ of Full Scale ± 1 Count
- Class 0.5 = $\pm 0.5\%$ of Full Scale ± 1 Count
Tested By :

Date :

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MECHANICAL DIMENSIONS



FEATURES

- (1) Consistent Reliability with High Accuracy
- (2) 3Ø - 3 Wire Input
- (3) Monitors : Under Voltage, Over Voltage, Phase Failure, Phase Imbalance & Phase reversal
- (4) LED Indication for Healthy
- (5) Compact Size



SPECIFICATIONS

System	: 3 Phase 3 Wire
Delay	: 100 msec
Nominal Voltage	: 415VAC (L-L)
Set Point	: $\pm 25\%$ of Nominal Voltage
Relay Contacts	: 1 Potential Free Contact (NO, C, NC), (De-Energise on Fault)
Contact Rating	: 5 Amps / 230 VAC / 28 VDC
Temperature	: Operating : - 10°C to 55°C Storage : - 20°C to + 75°C
Humidity	: < 95% RH (non condensing)
Dimension	: 90 x 17.5 x 65 mm (L x B x H)
Mounting	: Din (35 mm Rail)
Weight	: 75 gms
Protection Degree	: IP20 (Terminals), IP54 (Front of housing)

APPLICATIONS

Control Panel
Feeder / Motor
Generator
Transformer
Electrical Dist.

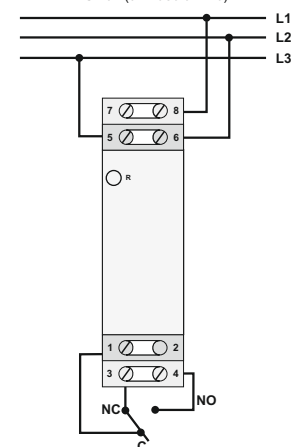
TERMINAL DETAILS

 Ø3.5...4.0 mm	0.6 N.m (6 Lb.in) Terminal Screw - M3
	1 x 0.8..4 mm ² Solid / Stranded Wire
AWG	1 x 18 to 10

CONNECTION DETAILS

Electrical Wiring / Connection Diagram

VIPS 102 (3 Phase 3 Wire)



SAFETY PRECAUTIONS

All safety related conditions, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If the equipment is not used in a manner specified by the manufacturer it might impair the protection provided by the equipment.

If there is physical damage to the unit then do not use it.

Read complete instruction prior to installation and operation of the unit.

WIRING GUIDELINES

WIRING

- 1) To Prevent the risk of electric shock power supply to the equipment must be kept OFF while doing the wiring arrangement.
- 2) Wiring shall be done strictly according to the terminal layout with shortest connection. Confirm that all connection are correct.

CAUTIONS



- 1) To ensure the safe operation of unit, check the wiring and connections.
- 2) The document are subject to change without notification.