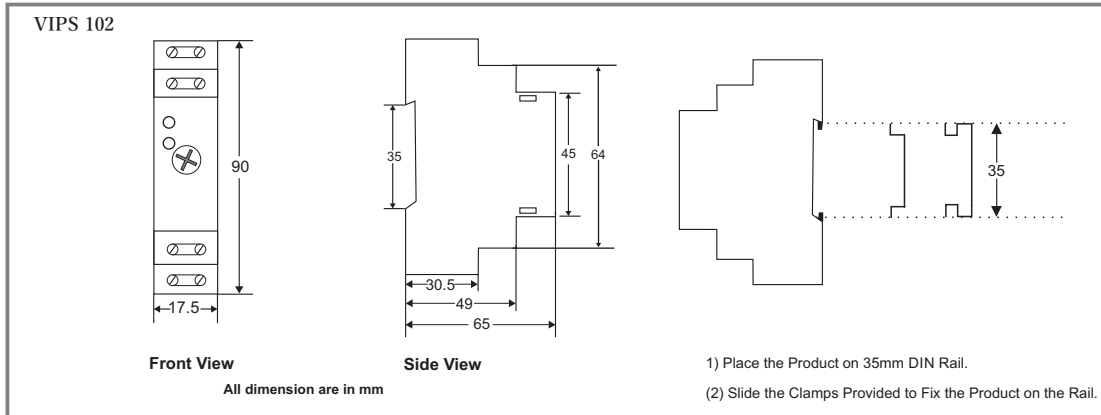


## UNDER VOLTAGE RELAY



VIPS 102

### MECHANICAL DIMENSION



- 1) Place the Product on 35mm DIN Rail.
- 2) Slide the Clamps Provided to Fix the Product on the Rail.

### FEATURES

- (1) Consistent Reliability with High Accuracy
- (2) Time Delay User Settable
- (3) LED Indication for Healthy & Faulty Status
- (4) Under Voltage Relay / Delayed Restart
- (5) Compact Size

### SPECIFICATION

<b>System</b>	: 3 Phase 4 Wire
<b>Delay</b>	: 5 to 15 min. (Restart Time)
<b>Nominal Voltage</b>	: 240VAC
<b>Set Point</b>	: - 25% of Nominal Voltage
<b>Relay Contacts</b>	: 1 Potential Free Contact (NO, C, NC), (De-Energise on Fault)
<b>Contact Rating</b>	: 5 Amps / 230 VAC / 28 VDC
<b>Temperature</b>	: Operating : - 10°C to 55°C Storage : - 20°C to + 75°C
<b>Humidity</b>	: < 95% RH (non condensing)
<b>Dimension</b>	: 90 x 17.5 x 65 mm (L x B x H)
<b>Mounting</b>	: Din (35 mm Rail)
<b>Weight</b>	: 75 gms

### APPLICATION

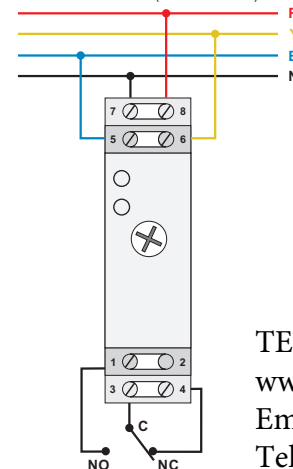
- Control Panel
- Feeder / Motor
- Generator
- Transformer
- Electrical Dist.

### TERMINAL DETAILS

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

### CONNECTION DETAILS

**Electrical Wiring / Connection Diagram**  
VIPS 102 (3 Phase 4 Wire)



### SAFETY PRECAUTIONS :

All safety related codifications, 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 :

#### Warning

- 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. Conform that all connection are correct.

#### CAUTION :



- 1) To ensure the safe operation of unit, check the wiring and connections.

The document are subject to change without notification

### TEST CERTIFICATE

Type : UV-RELAY

Accuracy : Class 1

Accuracy Test :  
Tripping Observed Between at set value

Found OK:

**Note :**  
A) For Digital Readouts the error is Computed in Counts.

- Class 1.0 = ± 1% of Full Scale ± 1 Count
- Class 0.5 = ± 0.5% of Full Scale ± 1 Count

Tested By : Ms. Bhagyashree

Date :



TEST AND MEASUREMENT INSTRUMENTS C.C.  
www.instrumentsgroup.co.za  
Email : sales@instrumentsgroup.co.za  
Tel: 011 683 4365