

Features:

- ▶ Consistent Reliability with high accuracy
- ▶ Trip setting through front panel potentiometer
- ▶ Time delay user settable
- ▶ LED Indication for healthy/faulty status
- ▶ Compact size
- ▶ Under voltage/Over voltage/phase reversal/ phase loss & voltage asymmetry



Advantages:

- ▶ Protection of power assets
- ▶ Detection and isolation of faults
- ▶ Speedy tripping to avoid damage
- ▶ Maintain supply continuity of healthy circuit

Applications:

- ▶ Switchgear distribution system
- ▶ Feeder/Motor protection
- ▶ Energy management
- ▶ Equipment and network protection
- ▶ Over load protection
- ▶ Control Panel protection
- ▶ Generator Protection
- ▶ Transformer protection
- ▶ Electrical Distribution protection

Input Specification

System	3Ø-4 wire
Burden on Supply	< 3 VA
Delay	0.2 to 30 sec
Responses time	< 200 msec

Mechanical Specification

Dimension	78x17.5x97 mm (LxBxH)
Mounting	DIN Rail (35mm)
Weight	228 g

Set Point

Parameter	VIPS 101
Over Voltage	240V-300V
Under Voltage	175V-235V
Voltage Asymmetry	30V
Phase loss	<150 V
Hysteresis	5 V

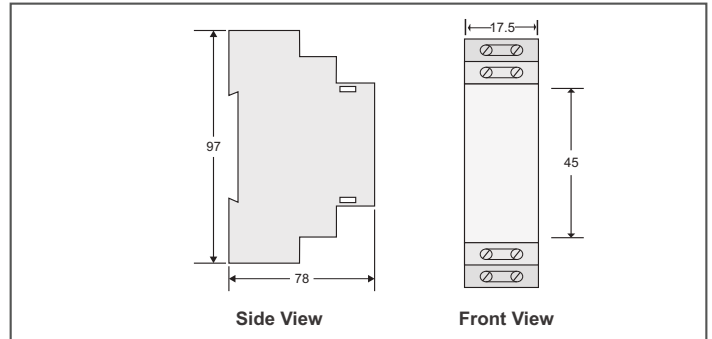
Output Specifications

Accuracy	±1% of set point
Reset	Auto Reset
Relay Contacts	1 Potential free Contact (NO, C & NC)
De-energise	On fault
Contact Rating	6A/230V AC/28V DC

Environmental Specifications

Operating Temperature	-10 deg C to 55 deg C
Storage Temperature	-20 deg C to 75 deg C
Humidity	<95 RH

Dimension



Supply Specifications

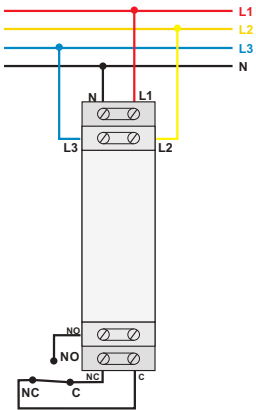
Parameter	VIPS 101
Supply Voltage	90-270 V AC/DC
Supply Frequency	50/60 Hz
Power consumption	<3 VA

Safety Standards

Safety Standard	IEC61010-1
Pollution Degree	2
Installation Category	III
High Voltage Test	3.3 kV AC, 50Hz for 1 Minute Between Aux.& Measuring Inputs



Connection Diagram



Ordering Information

Ordering Code	Description
VIPS 101	UV/OV/PR Voltage Relay



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