

**Features:**

- ▶ Continuous Current display
- ▶ User settable trip level and timer delay
- ▶ Panel mount
- ▶ CBCT open circuit detection
- ▶ CBCT available in various sizes

**Advantages:**

- ▶ Door mount
- ▶ Protects human life
- ▶ Constant leakage current detection
- ▶ Fewer nuisance trips

Applications:

- ▶ Generator Control Panel
- ▶ Distribution Control Panel
- ▶ Protection Control Panel

Input Specification

Status	Normally de-energised
Reset	Manual / Auto

Output Specifications

Trip Relay Output	Tripping Range Programmable
Alarm Relay Output (Optional)	Tripping Range Programmable
Relay Contacts	6A 230VAC / 28VDC

Functional Specifications

Set Point	10 mA to 30 A (Site Programmable)
Power ON Delay	Approx. 1 sec
Trip time Delay	0.04 to 10 sec (range)
CBCT Sizes	35mm, 70mm, 120mm and 210 mm any other circular/rectangular size on request (100mm, 200 mm etc)

Supply Specifications

Supply Voltage	90-270V AC/ DC
Supply Frequency	50/60 Hz
Power Consumption	3VA max.

Environmental Specification

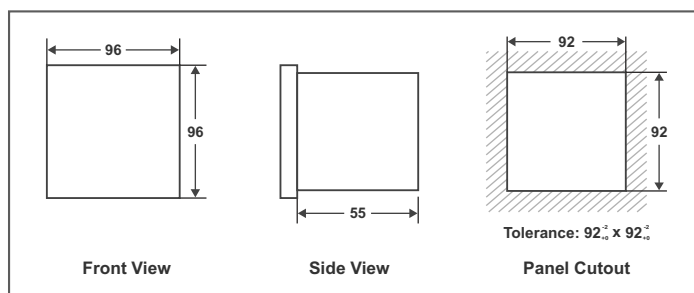
Operating Temperature	-10°C to 70°C
Storage Temperature	-20°C to 50°C
Humidity	Up to 95% RH

Mechanical Specification

Weight	250 g
Dimensions	96X96X48mm (WxHxD)
Mounting	Door Mount
Enclosure	ABS Thermoplastic
Protection Degree	IP20(terminal) IP54(Front of housing)

Display

Display	1 rows of 3 digits (For Leakage Current) LED/LCD display
Digit Height	0.39" (9.9mm)

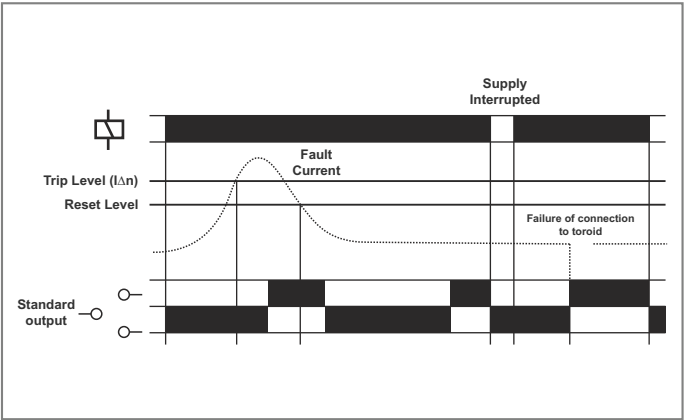
Dimension**Applicable Standards**

Radiated Emission	CISPR22
Fast Transient Burst Test	IEC61000-4.4
Conducted Emission	IEC61000-6.3
Test of Immunity to Electromagnetic RF Fields	IEC61000-4.3
Test of Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields	IEC61000-4.6
Test of Immunity to Electrostatic Discharges	IEC61000-4.2
Surge Immunity Test	IEC61000-4.5

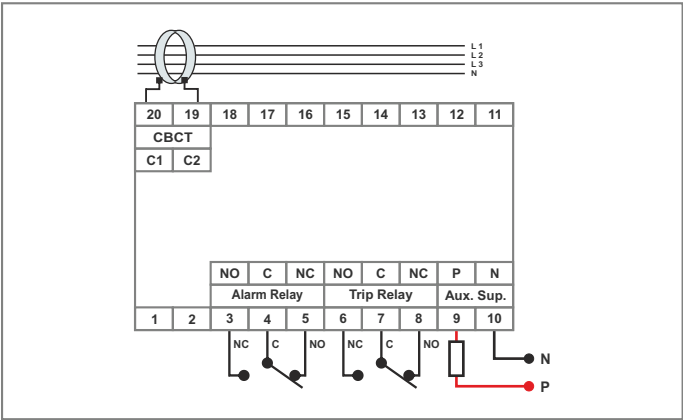
Safety Standards

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

Functional Diagram



Connection Diagram



Ordering Information

Ordering Code	Description
VIPS 98L	Flush mounted digital ELR, current rating 30 mA - 30 A, SMPS based