



Features:

- ▶ Leakage current display in percentage
- ▶ User programmable trip level and timer delay
- ▶ DIN Rail mounting
- ▶ CBCT open circuit detection
- ▶ CBCT available in various sizes
- ▶ Compliance with IEC 947-1



Advantages:

- ▶ DIN Rail mounted
- ▶ 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

Output Specifications

Relay Output	Single pole change over 24V DC 5A 240V AC 5A
Relay Contacts	1 potential free contact (NO, C & NC)
Contact Rating	6A/230V AC/28V DC

Functional Specifications

Leakage Current	Via CBCT (0.03, 0.10, 0.30, 0.50, 1.0, 3.0) any other on request
Power ON Delay	Approx. 1 sec
Trip Time Delay	0.1 sec to 10 sec
CBCT Sizes	35mm, 70mm, 120mm, 210mm and any other rectangular/round CBCT on request
Voltage Rating	90-270V AC/DC
Voltage Tolerance	-25% to +10%
Current	CBCT Secondary
Overload	x2 continuously, x10 for 3 sec as per BS6253
Burden	3VA max.

Supply Specifications

Supply Voltage	90-270 VAC/DC (±15%)
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	< 95% RH

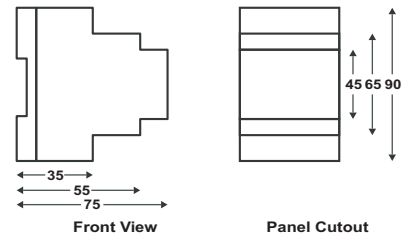
Mechanical Specification

Weight	228 g
Dimensions	45x90x75mm (WxHxD)
Mounting	DIN Rail (35mm)
Enclosure	ABS Thermoplastic

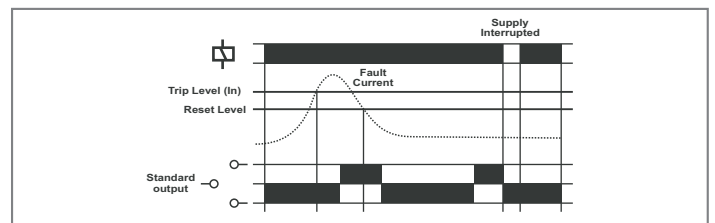
User Settable Parameters

Range Set	0.03, 0.10, 0.30, 0.50, 1.0 to 3.0A
Delay Set	0.1 to 10 Sec

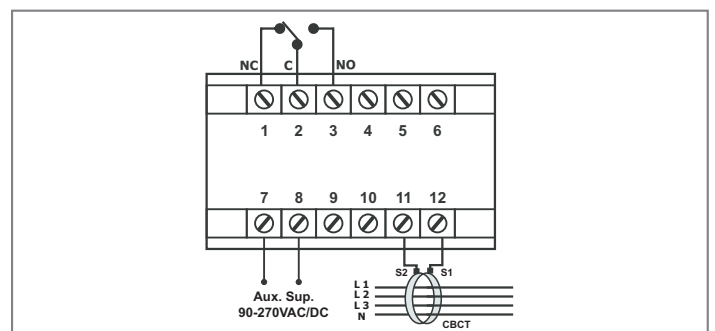
Dimension



Functional Diagram



Connection Diagram



Ordering Information

Ordering Code	Current Rating	Description
VIPS 98-300 mA	30-300 mA	Analog ELR of rating 30-300 mA
VIPS 98- 3 A	300 mA-3 A	Analog ELR of rating 30-300 mA
VIPS 98- 30 A	3 A- 30 A	Analog ELR of rating 3 A- 30 A