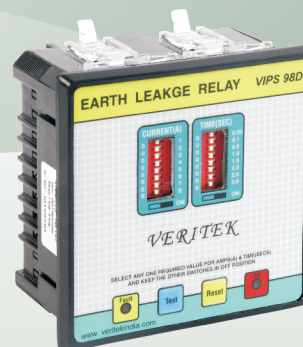


Features:

- ▶ Leakage current display in percentage
- ▶ User programmable trip level and timer delay using DIP switch
- ▶ Door mount
- ▶ CBCT available in various sizes
- ▶ Compliance with IEC 947-1
- ▶ CBCT Open Circuit Detection

**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 contacts	1 potential free contact (NO, C & NC) / 2 C/O Optional (energize on trip)
Contact Rating	6A/230V AC/28V DC

Functional Specifications

Leakage Current	Via CBCT (1, 2, 3, 4, 5, 6, 7, 8A)
Power ON Delay	Approx. 1 sec
Trip time Delay	0.05, 0.1, 0.5, 1.0, 1.5, 2.0, 2.5 & 3.0 (ranges)
CBCT Sizes	35mm, 70mm and 120mm, 210mm and any other rectangular/ round CBCT on request
Voltage Rating	240V AC/110V AC
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	90-270V AC/ DC ($\pm 15\%$ tolerance)
Supply Frequency	50/60 Hz
Power Consumption	3VA max.

Environmental Specification

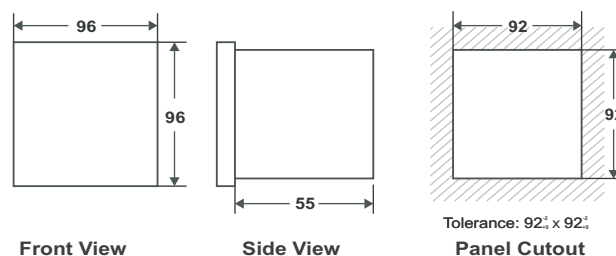
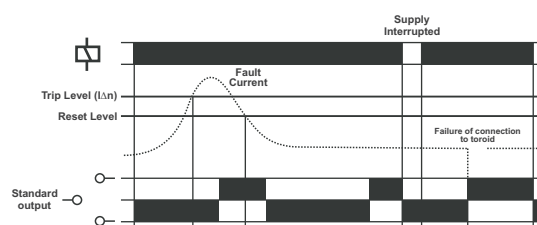
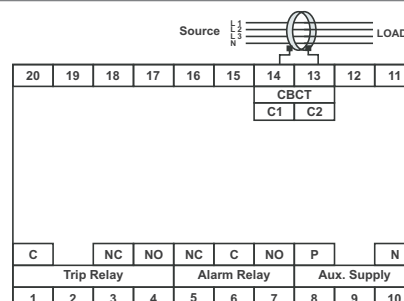
Operating Temperature	-10°C to 70°C
Storage Temperature	-20°C to 50°C
Humidity	Up to 95% RH

Mechanical Specification

Weight	228 g
Dimensions	96X96X48mm (WxHxD)
Mounting	DIN Rail (35mm)
Enclosure	ABS Thermoplastic

User Settable Parameters

Range Set	1, 2, 3, 4, 5, 6, 7, 8A
Delay Set	0.05, 0.1, 0.5, 1.0, 1.5, 2.0, 2.5 & 3.0 (ranges)

Dimension**Functional Diagram****Connection Diagram****Ordering Information**

Ordering Code	Description
VIPS 98D-110-8 A	DIP switch ELR with auxiliary supply 110 V, 1-8 A current rating
VIPS 98D-240-8 A	DIP switch ELR with auxiliary supply 240 V, 1-8 A current rating