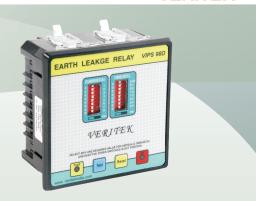


Features:

- Leakage current display in percentage
- User programmable trip level and timer delay using DIP switch
- 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

Functional Specifications

Relay contacts 1 potential free contact (NO, C & NC) /

2 C/O Optional (energize on trip)

6A/230V AC/28V DC Contact Rating

Via CBCT (1, 2, 3, 4, 5, 6, 7, 8A) Leakage Current

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

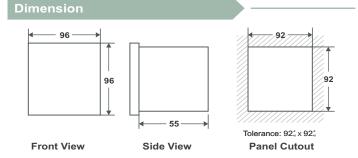
CBCT on request

Voltage Rating 240V AC/110V AC Voltage Tolerance -25% to +10% **CBCT Secondary** Current

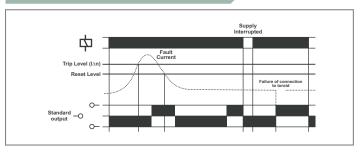
Overload x2 continuously, x10 for 3 sec as per

Bs6253

Burden 3VA max.



Functional Diagram

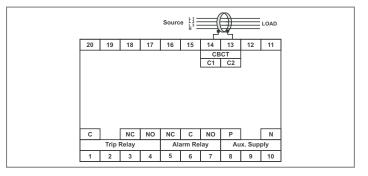


Supply Specifications

90-270V AC/ DC (±15% tolerance) Supply Voltage

50/60 Hz Supply Frequency **Power Consumption** 3VA max.

Connection Diagram



Environmental Specification

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

Mechanical Specification

Weight 228 g

Dimensions 96X96X48mm (WxHxD) Mounting DIN Rail (35mm) **ABS Thermoplastic** Enclosure

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)

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