



FEATURES

- State of Art Microcontroller Based Design
- Bar Graph to indicate Leakage Current in percentage
- Consistent reliability with high accuracy
- User programmable Trip Level through Rotary Selector Switch
- User programmable Time Delay through Rotary Selector Switch
- Toroid Open Circuit Detection
- Facility to seal Front cover to avoid tampering of Set points
- Optional : Relay at 50% of set point to caution on Leakage current.

Sensitivity Ranges : 0.03,0.10,0.30,0.50, 1.0, 3.0,5.0, 10.0,20.0 & 30.0 Amps.

SPECIFICATION

Aux. Supply	: 240V / 110VAC 50 / 60Hz (-20% +15%)
Burden on Aux.	: < 3 VA
Set Point	: 0.03,0.1,0.3,0.5,1.0,3.0,5.0,10.0,20.0 & 30.0Amps
Delay	: 0(< 25mS for Fault current >5xIΔn), 60,150,250,500, 800 mSec.,1,2.5,5,10 Sec.
Relay Contacts	: Potential Free Contact (NO&NC) Energise on Trip
Reset	: Manual
Trip Relay	: 80 - 90% of Set Value
Alarm Relay	: 50% of Set Value
Contact Rating	: 6 Amps / 230 V AC/ 28 V DC
Temp	: -20°C to +55°C
Humidity	: < 95% RH (non condensing)
Dimension	: 90 x 45 x 75 mm (L x W x H)
Mounting	: Din (35 mm rail) / 2 x m4 screw
Weight	: 300 gms

Core Balance CT (ZCT)



FEATURES

- All current ratios available to match ELR's
- Slim Design
- Light weight
- Encapsulated CBCT
- Terminals are finger proof touch as per IEC
- Highly Cost effective
- Compact in size

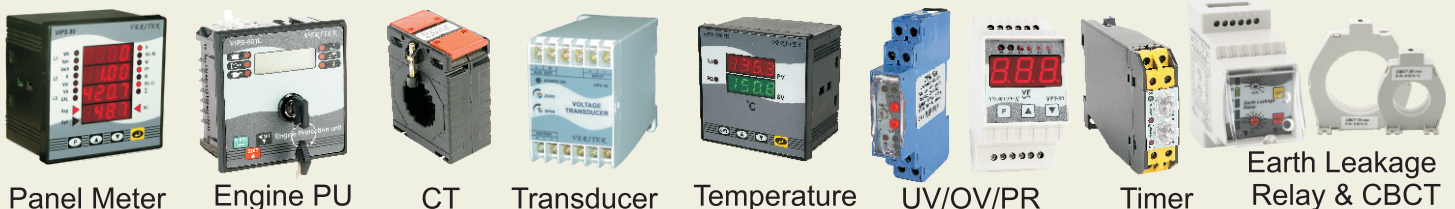
MODELS

- ✓ VIPS - CBCT 35
- ✓ VIPS - CBCT 70
- ✓ VIPS - CBCT 120
- ✓ VIPS - CBCT 210

SPECIFICATION

System Voltage	: 720 V maximum	Current ratio	: 1 / 1000, 1/ 600 any other on request
Insulation Voltage	: 3kV for 1 minute	Distance Between Toroid and relay	: < 50 meters
System Frequency	: 50 Hz or 60 Hz	Operating Temperature	: - 20°C to +70°C
Max. permissible Current	: 1KA continuous 5KA for 1.5 sec.	Humidity	: < 95% RH (non condensing)
Terminal Conductor	: ≤ 2.5mm ²	Enclosure	: Flame retardant glass filled ABS
		Complaint with	: IEC 44 -1 and IEC185
		Mounting	: Four Fixing Slots

Other Products Manufactured



Panel Meter

Engine PU

CT

Transducer

Temperature

UV/OV/PR

Timer

Earth Leakage Relay & CBCT