



## 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
- **Real Time Display of Leakage Current in terms of % of Set Value**
- 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 >5xΔn), 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

## Fixed ELR

**MODEL**  
**VIPS 98F**

### Sensitivity Ranges

Range:

- ✓ 30 mA
- ✓ 100 mA
- ✓ 300 mA

Also user specified Ranges

### APPLICATION

Protection :

- Control Panel
- Feeder / motor
- Generator
- Transformer
- Electrical Dist.

### SPECIFICATION

Aux. Supply	: 240V / 110VAC 50/60Hz (-20% +15%)
Burden on Aux.	: < 3 VA
Set Point	: Fixed
Delay	: Instantaneous
Relay Contacts	: Potential Free Contact ( NO&NC)Energise on Trip
Contact Rating	: 6 Amps / 230 V AC/ 28 V DC
Temp	: -20° C to +55° C
Humidity	: < 95% RH ( non condensing)
Reset	: Auto / Manual ( Factory Set)
Dimension	: 17.5 x 91 x 64 mm (WxLxH) Fixed ELR
Mounting	: Din ( 35 mm rail ) / 2 x m4 screw
Weight	: 175 gms -Fixed ELR

### Core Balance CT

ID ( internal diameter):

- ✓ 35 mm
- ✓ 70 mm
- ✓ 120 mm
- ✓ 210 mm



## Other Products Manufactured



Panel Meter



Engine PU



CT



Transducer



Temperature



UV/OV/PR



Timer


 Earth Leakage  
 Relay & CBCT