



Parameters Displayed

- ✓ Battery Voltage
 - ✓ Frequency
 - ✓ RPM
 - ✓ Battery Current using external shunt (optional)
 - ✓ Run Hour
- Any other size on request

FEATURES

- State of Art Microcontroller Based Design.
- Auto (using external under voltage relay) / Manual Start option
- Programmable Cranking Period / Number of Start attempts & Rest Period
- Low Lube Oil pressure, High water temperature, Over Speed Protections
- Provision for Remote emergency stop
- Battery Under voltage Indication
- Programmable Over speed Limit with delay to avoid nuisance tripping

SPECIFICATION

Aux. Supply	: 8.5 VDC to 32 VDC	Potential Free Inputs :
Relay Contacts	: Potential Free Contact (NO&NC) a) Alarm Relay b) Stop / Fuel Relay (2C/O) c) Cranking Relay	A) START B) EMERGENCY STOP C) LOW OIL PRESSURE D) HIGH COOLANT TEMP. E) LOW FUEL LEVEL
Contact Rating	: 6 Amps / 230 V AC/ 28 V DC	Analog Inputs :
Temp	: -20°C to +55°C	A) 30 - 300 VAC 50/60 Hz for Hz measurement
Humidity	: < 95% RH (non condensing)	
Dimension	: 96 x 96 x 60mm (L x B x D)	
Weight	: 300 gms	

Over Load Relay

**MODEL
VIPS 990L**

FEATURES

- Consistent reliability with high accuracy
- Trip setting through Front Panel Potentiometer
- Time Delay user settable
- LED indication for healthy / faulty status
- Auto / Manual Reset option
- Compact size

APPLICATION

Protection :

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



Input Ranges

Range:
CTR / 1 Amps
CTR / 5 Amps.

SPECIFICATION

Aux. Supply	: 230V / 110VAC 50/60Hz (-20% +15%)	Temp	: -20°C to +55°C
Burden on Aux.	: < 3 VA	Humidity	: < 95% RH (non condensing)
Delay	: 0.1 Sec. to 10 Sec.	Dimension	: 78 x 55 x 97 mm (L x B x H)
Set Point	: 20% - 120%	Mounting	: Din (35 mm rail) / 2 x m4 screw
Relay Contacts	: 2 Potential Free Contact (2 NO & NC) (Energise on Trip)	Weight	: 300 gms
Contact Rating	: 6 Amps / 230 V AC/ 28 V DC		

Other Products Manufactured



Panel Meter



Engine PU



CT



Transducer



Temperature



UV/OV/PR



Timer



Earth Leakage
Relay & CBCT