

Digital Multimeter With Voltage protection(FTCDMM)



Selection Chart

- State of Art Microcontroller Based Design.
- Relay Out Put for cutoff / Alarm
- User Programmable Alarm Set Point , Time Delay & CT Ratio.
- True RMS measurement.
- Auto Scrolling Facility
- Password protection
- Bar Graph Indication for Load
- ALARM / TRIP:

1) UNDER VOLTAGE	4) PHASE SEQUENCE REVERSAL
2) OVER VOLTAGE	5) PHASE FAILURE
3) OVER LOAD	
- Application Protection:

• Control Panel	• APFC Panel
• Distribution Systems	• Energy Management
• Generator Sets	• Process Control & SCADA
• Motor Control	• Test Bench
- Advantages
 - To caution on the Load
 - To identify inefficiency of Machine / Man
 - Reduce Panel Space, Wiring , Installation Time
 - Scale User adjustable reduces inventory
- Parameters

Volts:	• R-Y Voltage, Y-B Voltage, B-R Voltage, R-N Voltage, Y-N Voltage, B-N Voltage
Amps :	• R Phase, Y Phase, B Phase
Frequency:	• System

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System	3 Phase 4 Wire / 3 Phase 3 Wire
Aux. Supply	230V / 110VAC 50/60Hz (-20% +15%)
Burden on Aux.	< 4 VA
Voltage Input	110 / 415 / 440 VAC (L -L) 500 Vmax
Current Input	1 Amps / 5 Amps
Burden on CT	< 0.2 VA
Temp	-20°C to +55°C
Humidity	< 95% RH (non condensing)
Weight	500 gms
Repeatability	± 0.5%
Dimension	96 x 96mm Depth (behind bezel) : 60 mm Panel Cut out : 92 x 92 mm
Accuracy	Voltage : 0.5 % of FS ± 2 Digit Current : 0.5 % of FS ± 2 Digit Frequency : ± 0.2 Hz
Resolution Voltes	Voltes : 1V Hz : 0.1 Hz Amps : 0-99:0.1 A, 100-999:1A, >1000:0.01KA
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