

DIGITAL PANEL METERS MULTI-FUNCTION METER / LOAD MANAGER/ POWER ANALYZERS

THREE PHASE MULTIFUNCTION METER (PMF - 5331, PMF - 5337)



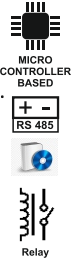
PMF - 5331



PMF - 5337

FEATURES

- 28 Parameters on 14 Display Pages In PMF-5331
- 36 Parameters on 20 Display Pages In PMF-5337
- Auto / Manual Scroll Display (User selectable)
- SMPS, TRANSFORMER Power Supply
- Ideal for Testing of Electrical Appliances
- User Programmable CT Ratio, PT RATIO
- TRMS Measurement
- 3 Rows of 4 Digit RED Seven Segment
- 3 Phase 4 wire, 3 Phase 3 wire Programmable
- RS 485 Port (5KV Isolated) (Optional)
- MODBUS RTU Protocol (Optional)
- I-LOG MASTER Software (Optional)
- Two Relay Output for alarm can be provided.(optional)



SPECIFICATION

Functions

RMS Voltage	: 20 - 600Vrms (Accuracy :- $\pm 0.5\%$ FS +1 dgt.)
RMS Current	: 0.020 - 10.00Arms (Accuracy :- $\pm 0.5\%$ FS +1 dgt.)
Active Power	: 0.030 - 6.000 KW (Accuracy :- $\pm 0.5\%$ ES +1 dgt.)
Apparent Power	: 0.030 - 6.000 KVA (Accuracy :- $\pm 0.5\%$ ES +1 dgt.)
Reactive Power	: 0.030 - 6.000 KVAR (Accuracy :- $\pm 1.0\%$ ES +1 dgt.)
Power Factor	: 0.3 Lag -1.0- 0.3 Lead (Accuracy :- ± 0.01 PE +1 dgt.)
Line Frequency	: 45.00-65.00 Hz (Accuracy :- ± 0.1 Hz)
Active Energy (KWh)	: 000000.00 - 999999.99 Kwh (Accuracy Class 1,0.5)
Apparent Energy (KVAh)	: 000000.00 - 999999.99 KVAh (Accuracy Class 1,0.5)
Reactive Energy (KVARh)	: 000000.00 -999999.99 KVARh (Accuracy Class 1,0.5)
THD (V,I)	: Indicative
Faceplate /Lens	: Polycarbonate Transparent
Case/Housing Material	: FR-ABS Black
Connectors /Terminal	: Nylon 66, 33%GF,Black/Brass
Mounting Clamps	: Sturdy, Moulded Glass filled nylon with screws.
Decimal Point	: Auto Scrolling
Polarity Indication	: L(Lagging/Inductive) or C (Leading/Capacitive)
Under Range Indication	: Error Code 01 Blinking when Current Non Detectable
Dielectric Strength	: 2.5KV @50 Hz for 1 minute between Input -Auxiliary & Case - Terminals
Impulse Withstand	: 3.5.KV, 1.2/50 micro Second

Refresh Rate	: Per 8.0ms
Maximum Overload	: Voltage 1.2. Times Continuous Current : 2 Times Continuous
Auxiliary Supply	: 150-300V AC, 45-270V AC /DC, 19-60V AC /DC

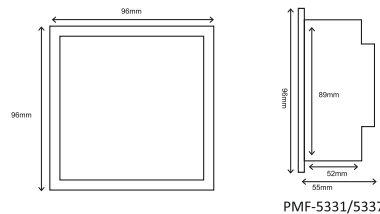
VA Burden (Typical)

Auxiliary	: <2.5 VA
Voltage Input	: <0.2 VA / Phase
Current Input	: <0.2 VA / Phase

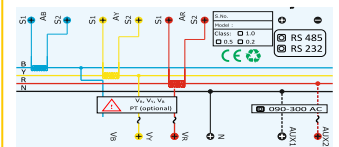
PT Primary Range	: 50 to 500kV AC Programable
PT Secondary Range	: 50 to 500V AC Programable
CT Primary Range	: 1A to 50kA AC Programable
CT Secondary Range	: 0.5A to 5A AC Programable
Metering Standard	: IEC 62053-21/22
Installation Category	: Cat II (IEC / EN61010 - 1)
Pollution	: Degree 2 (IEC / EN61010 - 1)
Environment	
Calibration	: 27°C \pm 5°C
Operating	: 0° to 50°C, RH <70%
Storage	: -10° to 60°C, RH < 70%
Dielectric Strength	: 2.5 KV at 50 Hz for 1 mm
Insulation Resistance	: > 20 MOhms at 500 V DC

DIMENSIONS (MM)

MODEL	PENTA PMF - 5331/5337
FRONT	96 X 96
DEPTH (Behind Bezel)	52
Panel Cut -Out	92 ^(+0.8-0.0) x 92 ^(+0.8-0.0)



TERMINAL CONNECTION



PMF - 5331/5337

ORDERING INFORMATION

MODEL	PARAMETERS DISPLAYED	ACCURACY CLASS	AUX SUPPLY
PMF - 5331	Voltage(Line to Line) Voltage(Line to Neutral) Current Frequency (Class 0.2) Power Factor(Class 0.5) Active Power(W) Apparent Power(VA) Active Energy(kWh) RPM Run Hour Load Hours	1.0 0.5	45-270V AC /DC 19-60V AC /DC
PMF - 5337	Reactive Power(VAR) Reactive Energy (kVARh) Apparent Energy (kVAh) VTHD I THD	1.0 0.5	45-270V AC /DC 19-60V AC /DC

*WHILE ORDERING PLEASE MENTION RANGE, CLASS & AUX SUPPLY & FOR BULK CUSTOMIZED INQUIRES PLEASE CONTACT SALES.

