



TECHNICAL SPECIFICATION

INPUT

Input Signal	1Ø 2 Wire
CT Primary	UP to 9999A (Programm.)
CT Secondary	5A/1Amp Selectable
PF	0.100 - 1.000
Frequency	45.0 to 65.0 Hz

DISPLAY, KEY & LED

Display	4 Digit , 3 Line 7 Seg. 0.56"Red LED
Key	Set , Inc ,Dec

DIMENSION

Size (mm)	96 (H) x 96 (W) x 54 (D) mm
Panel Cutout	92 (H) x 92 (W) mm

ACCURACY

Class 0.5 (Standard)

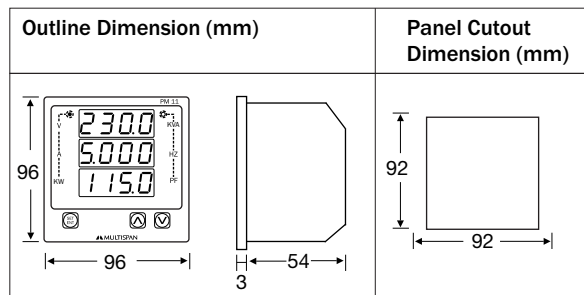
AUXILIARY POWER SUPPLY

Power Supply	100 to 270V AC,50/60Hz
Burden	3VA

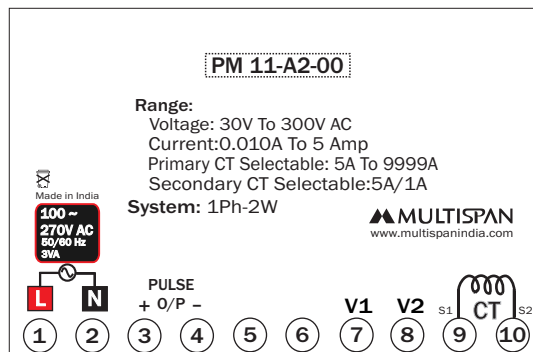
ENVIRONMENTAL CONDITION

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95 % RH Non-Condensing
Protection Level (As per Request)	IP-65 (Front side As per IS/IEC 60529 : 2001)

MECHANICAL INSTALLATION



TERMINAL CONNECTION



PM 11-A2-00

Range:
Voltage: 30V To 300V AC
Current:0.010A To 5 Amp
Primary CT Selectable: 5A To 9999A
Secondary CT Selectable:5A/1A

System: 1Ph-2W

MULTISPAN
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RESOLUTION

CT PRIMARY	ENERGY RATE PULSE OUTPUT
5 to 75	0.01 Kwh
76 to 750	0.1 Kwh
751 to 7500	1 Kwh
7501 to 9999	10 Kwh

MECHANICAL INSTALLATION

1. Prepare the panel cutout with proper dimensions as shown above.
2. Fit the unit into the panel with the help of clamp given.
3. The equipment in its installed state must not come in close proximity to any heating source, caustic vapors, oil steam, or other unwanted process byproducts.
4. Use the specified size of crimp terminal (M3.5 screws) to wire the terminal block. Tightening the screws on the terminal block using the tightening torque of the range of 1.2 N.m.
5. Do not connect anything to unused terminals.

INSTALLATION GUIDELINES

1. This equipment, being built-in-type, normally becomes a part of main control panel and in such case the terminals do not remain accessible to the end user after installation and internal wiring.
2. Do not allow pieces of metal, wire clippings, or fine metallic fillings from installation to enter the product or else it may lead to a safety hazard that may in turn endanger life or cause electrical shock to the operator.
3. Circuit breaker or mains switch must be installed between power source and supply terminal to facilitate power 'ON' or 'OFF' function. However this mains switch or circuit breaker must be installed at convenient place normally accessible to the operator.
4. Use and store the instrument within the specified ambient temperature and humidity ranges as mentioned in this manual.

MAINTENANCE

1. The equipment should be cleaned regularly to avoid blockage of ventilating parts.
2. Clean the equipment with a clean soft cloth. Do not use isopropyl alcohol or any other cleaning agent.
3. Fusible resistor must not be replaced by operator.



SAFETY PRECAUTION

All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If all the equipment is not handled in a manner specified by the manufacturer, it might impair the protection provided by the equipment.



Read complete instructions prior to installation and operation of the unit.



WARNING : Risk of electric shock.

WARNING GUIDELINES



WARNING : Risk of electric shock.

1. To prevent the risk of electric shock, power supply to the equipment must be kept OFF while doing the wiring arrangement. Do not touch the terminals while power is being supplied.
2. To reduce electro magnetic interference, use wire with adequate rating and twists of the same of equal size shall be made with shortest connection.
3. Cable used for connection to power source, must have a cross section of 1mm or greater. These wires should have insulations capacity made of at least 1.5kV.
4. A better anti-noise effect can be expected by using standard power supply cable for the instrument.

Reset Energy

Enter Password 15

Press **SET** key For 3 Second.

P A S S

Enter Password 15

Press **▲** + **▼** key

1 5

Press **SET** key

r S t

Reset kwh

N Y

No/Yes

n 0

Press **SET** key to save & exit

PARAMETER SETTING

Enter Password 10

Press **SET** key For 3 Second.

P A S S

Enter Password 10

Press **▲** + **▼** key

1 0

Press **SET** key

C t

CT Primary

P r i n

5

5A/9999Amp Selectable

Press **SET** key

C t

CT Secondary

5 E C

5

5A/1Amp Selectable

Press **SET** key

P L S E

Pulse Mode

n 0 d E

A U t 0

Auto / Manual

If Auto

P L S E

Pulse Out

0 U t

0.0 1

0.01, 0.1, 1, 10

P L S E

Pulse On Time

t i n e

1 0

10ms to 500ms

Press **SET** key to save & exit