

EM - 1P

1 Phase Energy & Power Meter



TECH SPECS

Dimension (HxWxD) mm	96 x 96 x 43
Panel Cutout (mm)	92 x 92
Input	<p>Voltage 30 - 300V AC (L-N)</p> <p>Current Primary CT : 5/5A To 4000/5A AC Secondary Current : 5A (0.5 to 5Amp)</p>
Specification	
Calculated Parameter	Active Power (kW) & Active Energy (kWh)
Network Connection	1Ø - 2W
Accuracy	Class 0.5
Power Supply	230V AC \pm 10%, 50 Hz

APPLICATIONS

Electrical Control Panel

Power Distribution

Instrumentation Panel

Transformer training

Technical Specifications

Meter type

1Ø - 2W

Input

Voltage

Voltage 30 To 300V (L-N)

Burden <0.2 VA

Current

Secondary Current 0.1 to 5Amp

Burden <0.2 VA

CT Ratio 5 To 4000 Programmable

Starting Current 10mA

Auxiliary Power Supply

Power Supply 230V AC, 50Hz

Burden 2VA

Physical

Mounting Type Panel Mount

Size (H x W x D)mm 96 X 96 X 43

Front Bezel (H x W) mm 96 X 96

Panel Cutout 92 X 92 mm

Depth Behind panel 43mm

Material ABS

Accessory 2 Panel Mounting Clamp

Display & Keys

Display 6 Digit 7 seg 0.56"Red LED Display

Key (Reset/KWH), (CT/KW)

Environmental

Working Temperature 0 to 55 °C

Storage Temperature 0 to 55 °C

Relative Humidity 95% RH Non-condensing

Warm up time 5 minutes

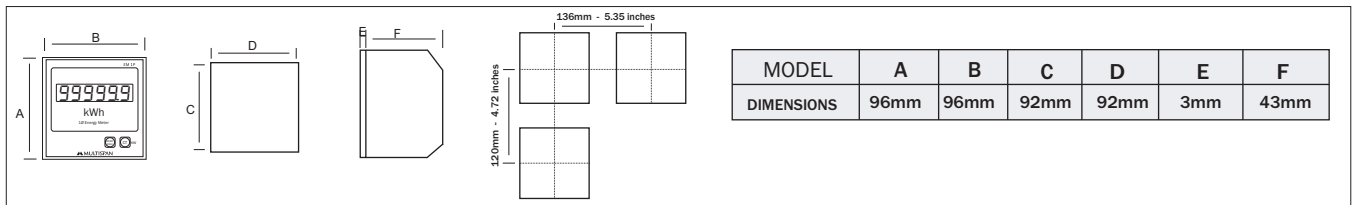
Calculated Parameters

Parameter	Range
Active Power	0 to 9999 kW
Active Energy	0 to 999999 kWh

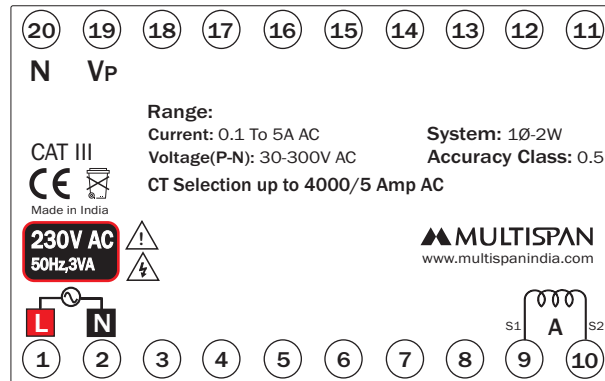
Accuracy

Class 0.5 (Standard)

Mechanical Dimension



Connection Diagram



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.
 Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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