



MULTIFUNCTION METER

EPM-310

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

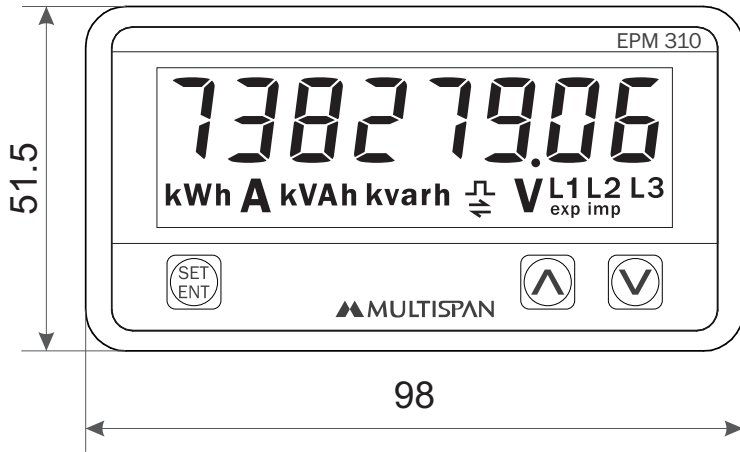
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

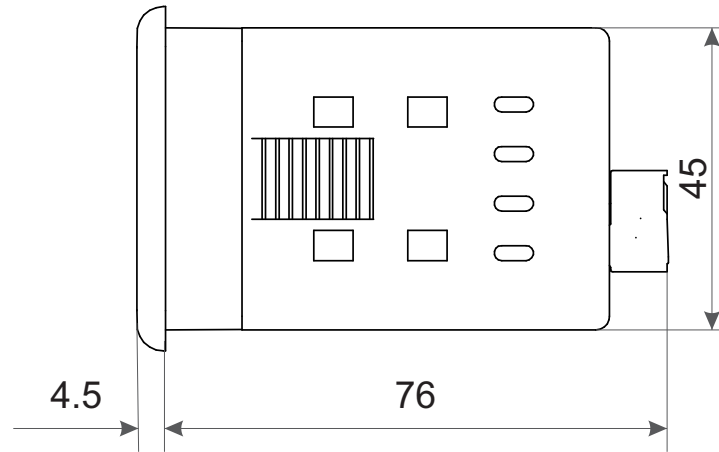
Mechanical Dimensions

Body Dimensions



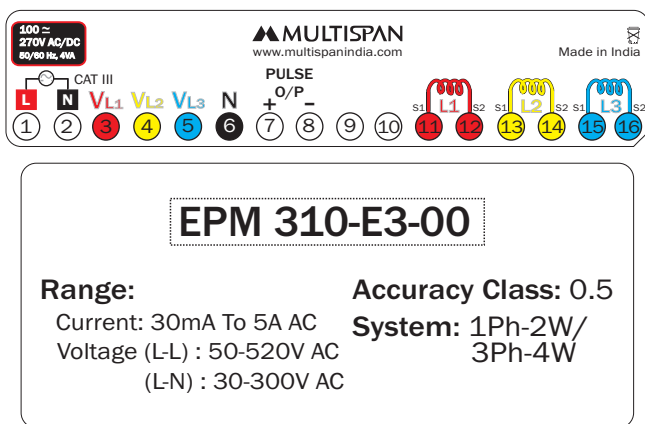
FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Current	30mA To 5A AC
Voltage	(L-L) : 50-520V AC (L-N) : 30-300V AC
Primary CT	Up to 9999A
System	3Ph-4W, 1Ph-2W
Power Supply	100 to 270V AC/DC,50/60Hz Approx 4VA
Certificate	CE

Input

Voltage

Direct Voltage	30 To 300V (L-N) 50 TO 520V (L-L)
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Burden	<0.2 VA
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Current

Secondary Current AC	5Amp (Factory Set)
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Burden	<0.2 VA
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CT Ratio	5-9999 Programmable
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Starting current	30mA
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Auxiliary Power Supply

Power Supply	100 to 270V AC/DC,50/60Hz
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Burden	4VA
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Environmental Characteristics

Operating Temperature	0 to 55 °C
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Storage Temperature	0 to 55 °C
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Relative Humidity	95% RH Non-condensing
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Warm up time	5 minutes
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Display LED & Keys

Display	8 Digit, 7 seg 0.50" Red LED Display
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Key	SET/ENT, INC, & DEC
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Network Connection

3Φ 4W

Accuracy

Class 0.5

Mechanical Characteristics

Mounting Type	Panel Mount
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Dimension (HxWxD) mm	51.5 x 98 x 76
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Panel Cutout (HxW) mm	46 x 92
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Material	Front Enclosure	Polycarbonate (PC) ABS
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Terminal Screw Size	M3.5
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Screw Torque (N.m)	0.5
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Wire Gauge (AWG)	26-14
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Weight (Approx) gms	Unpacked : 200 Packed : 255
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Accessories	1 Pair of Mounting Clamps
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