



MULTIFUNCTION METER

EPM-310

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

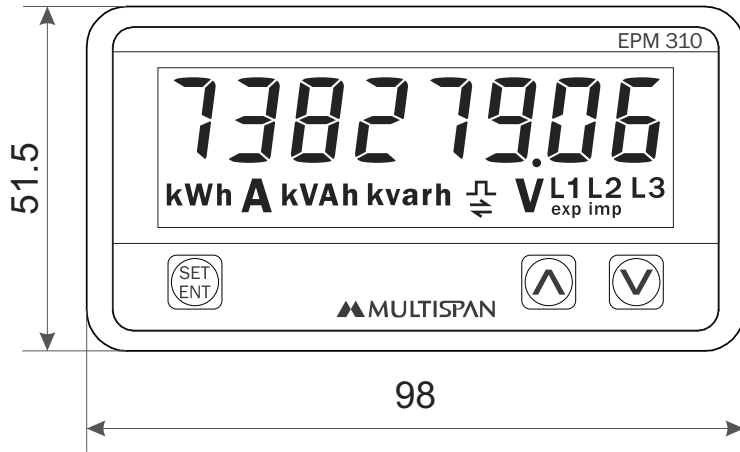
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

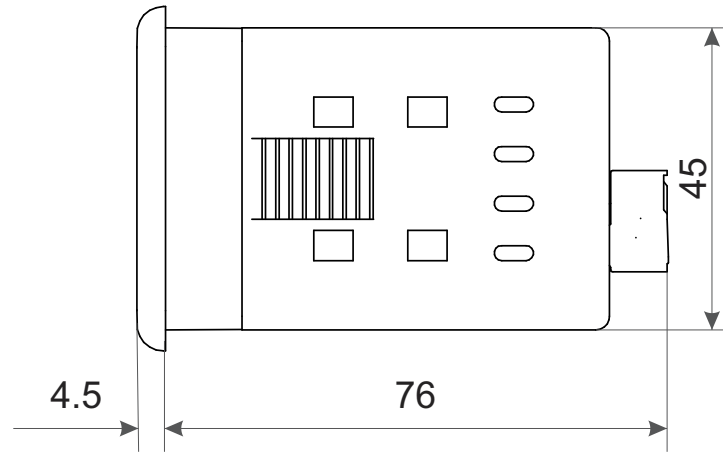
Mechanical Dimensions

Body Dimensions



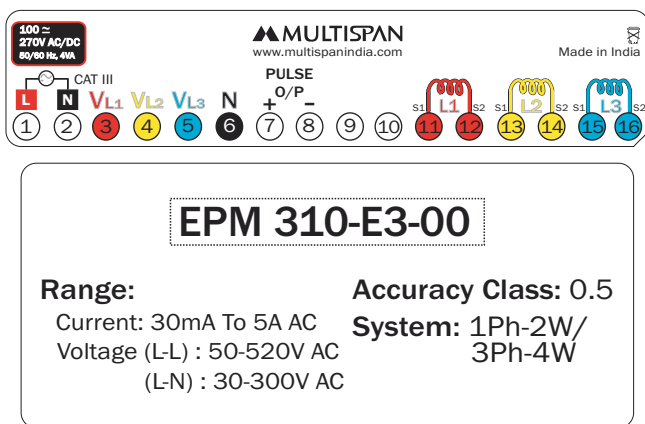
FRONT VIEW

All dimensions are in mm

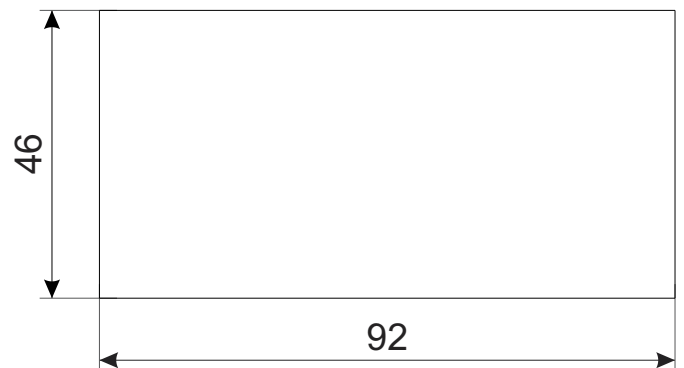


RIGHT SIDE VIEW

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

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

Environmental Characteristics	
Operating Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

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

Network Connection	
3Φ 4W, 1Φ 2W	

Accuracy	
Class 0.5	

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