



MULTIFUNCTION METER

EPM-310

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

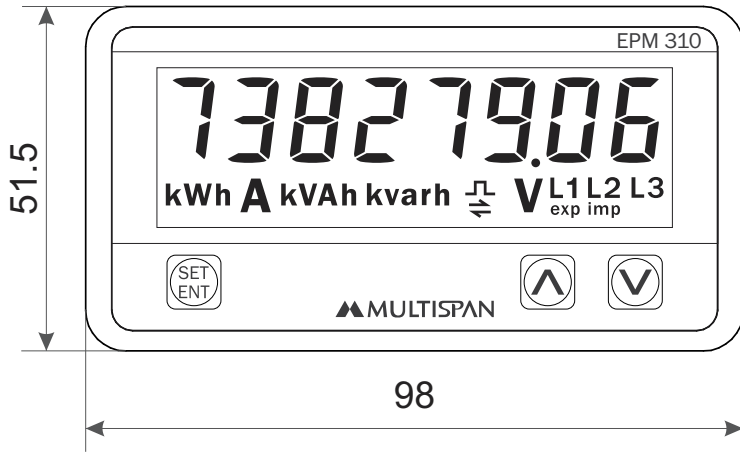
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

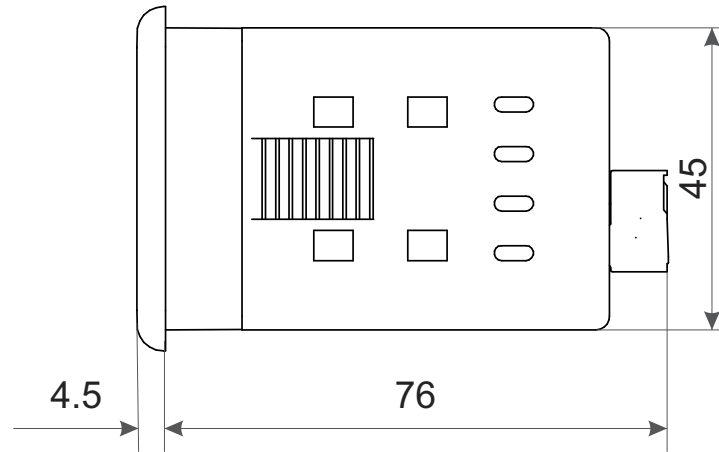
Mechanical Dimensions

Body Dimensions



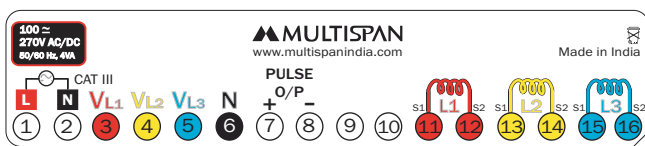
FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram



EPM 310-E3-00

Range: Current: 30mA To 5A AC
Voltage (L-L) : 50-520V AC
Voltage (L-N) : 30-300V AC

Accuracy Class: 0.5

System: 1Ph-2W/
3Ph-4W

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

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