



MULTIFUNCTION METER

AVH-14

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

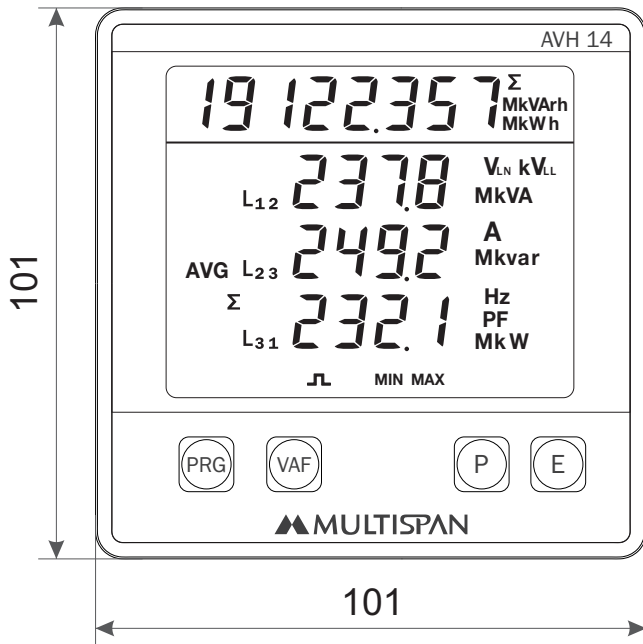
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

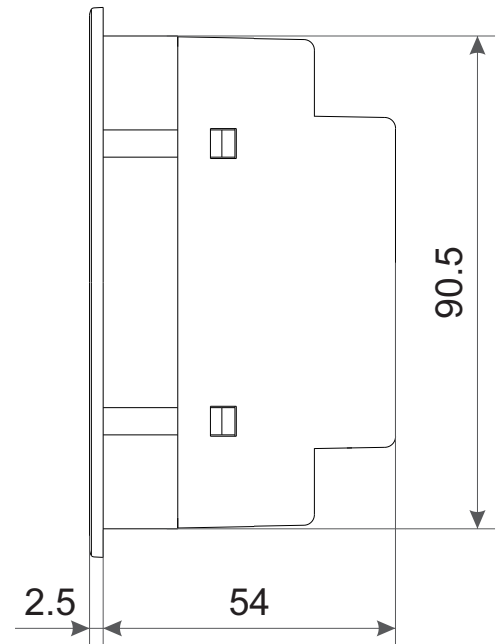
Mechanical Dimensions

Body Dimensions



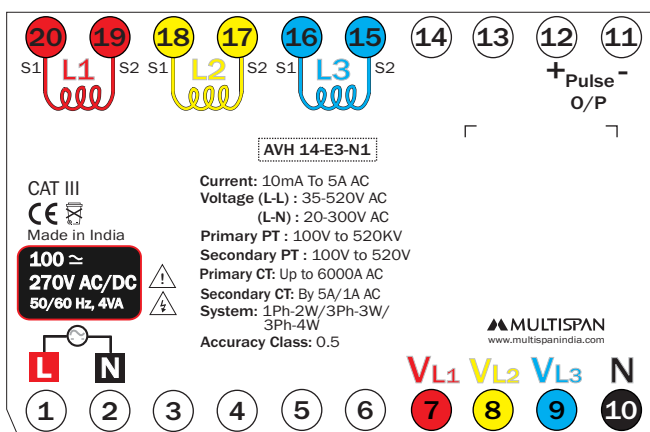
FRONT VIEW

All dimensions are in mm

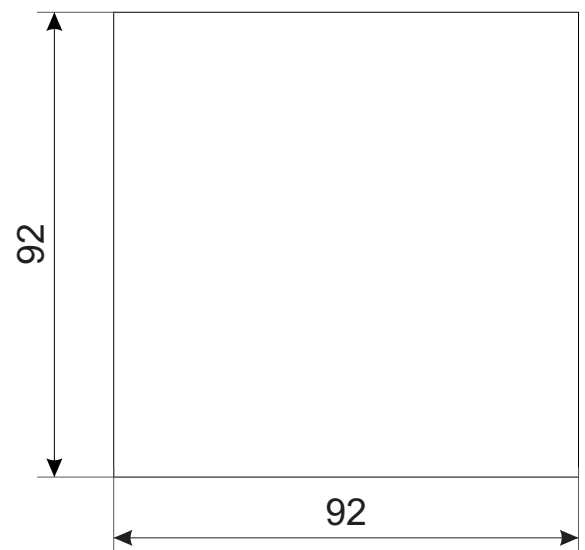


RIGHT SIDE VIEW


Connection Diagram



Panel cutout



TECHNICAL DATA

Current	10mA To 5A AC
Voltage	(L-L) : 35-520V AC (L-N) : 20-300V AC
Primary PT	100V to 520KV
Secondary PT	100V to 520V
Primary CT	Up to 6000A
Secondary CT	By 5A/1A
System	1Ph-2W/3Ph-3W/3Ph-4W
Power Supply	100 to 270V AC/DC,50/60Hz Approx 4VA
Certification	

Meter type

1 Φ 2W / 3 Φ 4W / 3 Φ 3W (Selectable)

Accuracy

Class 0.5

Input

Voltage AC

Direct Voltage	20 To 300V (L - N) 35 TO 520V (L - L)
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Current AC

Secondary Current AC	10mA to 5 Amp
Primary PT	100V to 520KV
Secondary PT	100V to 520V
Primary CT	Up to 6000A
Secondary CT	By 5A/1A

Display, Led & Keys

Display	Upper	8 Digit 1 Line 7 seg 0.4"
	Lower	4 Digit 3 Line 7 seg 0.4"
Key	PRG , VAF , P , E	

Output

Pulse Output	Voltage :- External 24V DC Current Capacity :- 25mA Pulse width - 50 to 500ms
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Auxiliary power supply

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

Environmental Characteristics

Humidity	95% RH Non-condensing
Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Warm up Time	5 minutes

Mechanical Characteristics

Mounting Type	Panel Mount
Dimension (HxWxD) mm	101 x 101 x 54
Panel Cutout (HxW) mm	92 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 : 225 Packed : 280
Accessories	1 Pair of Mounting Clamps