



3 PHASE AC AMMETER

AMP-1911

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

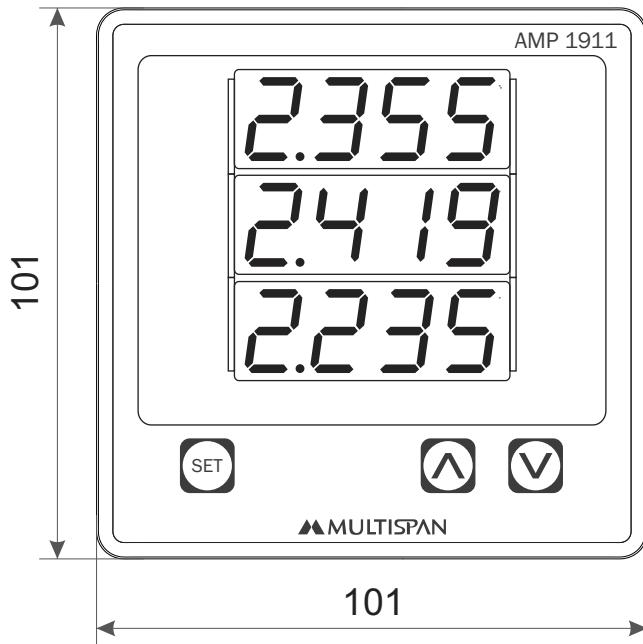
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

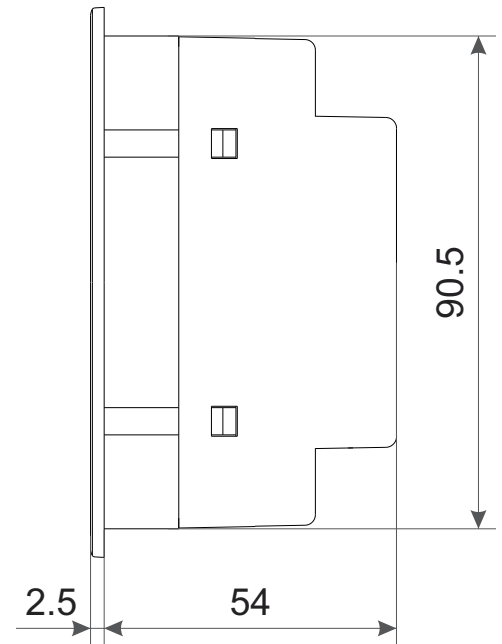
Mechanical Dimensions

Body Dimensions



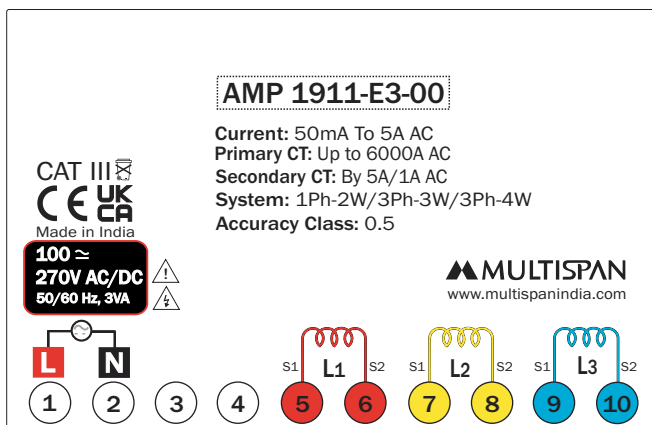
FRONT VIEW

All dimensions are in mm

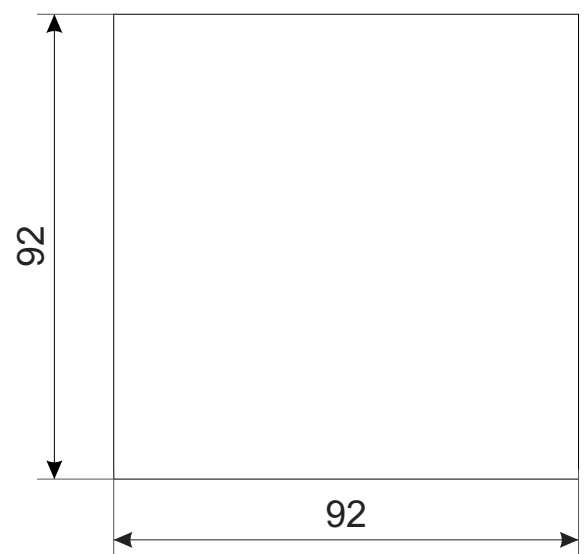


RIGHT SIDE VIEW

Connection Diagram



Panel cutout



TECHNICAL DATA

Current	50mA To 5A AC
Primary CT	Up to 6000A
Secondary CT	By 5A/1A
System	1Ph-2W/3Ph-3W/3Ph-4W (Configurable)
Power Supply	100 to 270V AC/DC $\pm 20\%$, 50/60Hz, Burden : Less Than 3VA
Certification	

Input	
Current AC	
Secondary Current AC	50mA to 5Amp
Primary CT	Up to 6000A
Secondary CT	By 5A/1A
Sampling Rate	164 Sample / Cycle
Current Circuit Burden	<0.1 VA Per Phase for 1A <0.3 VA Per Phase for 5A
Maximum Overload	1.2 Times Continues
Current Measurement Range	0 to 120 % of CT Secondary

Auxiliary power supply	
Power Supply	100 to 270V AC/DC, 50/60Hz
Burden	Less Than 3VA
Compliance for Isolation	Between Power Supply and Inputs is tested at 2KV for 1 minute

Accuracy	
Class 0.5	

Display, Led & Keys	
Display	4 Digit 3Line 7 seg 0.56" Red LED Display
Key	SET, UP, & DOWN
Password Protection	For Setup of CT Ratio
Display Format	Hold & Scroll Selection for Line Current, Neutral Current
Display Range	0.000 to 999.9A AC

Meter type
1 Φ 2W / 3 Φ 4W / 3 Φ 3W (Selectable)

Environmental Characteristics	
Humidity	95% RH Non-condensing
Operating Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Warm up Time	5 minutes
IP Protection	IP - 54 Front Fascia (60529) IP - 20 Back Terminal
Compliance Standards	IS 1248/2003

Mechanical Characteristics	
Mounting Type	Panel Mount
Dimension (HxWxD) mm	101 x 101 x 43
Panel Cutout (HxW) mm	92 x 92
Material	Front Enclosure Polycarbonate (PC) ABS
Terminal Screw Size	M3.5 Connector Accomodate with 2.5sq.mm Copper Cable
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx) gms	Unpacked : 270 Packed : 335
Accessories	1 Pair of Mounting Clamps

DISPLAY PAGES

1) Display for 3 Phase Ampere



2) Display for Neutral Ampere

