



3 PHASE VAF PANEL METER

PM-133

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

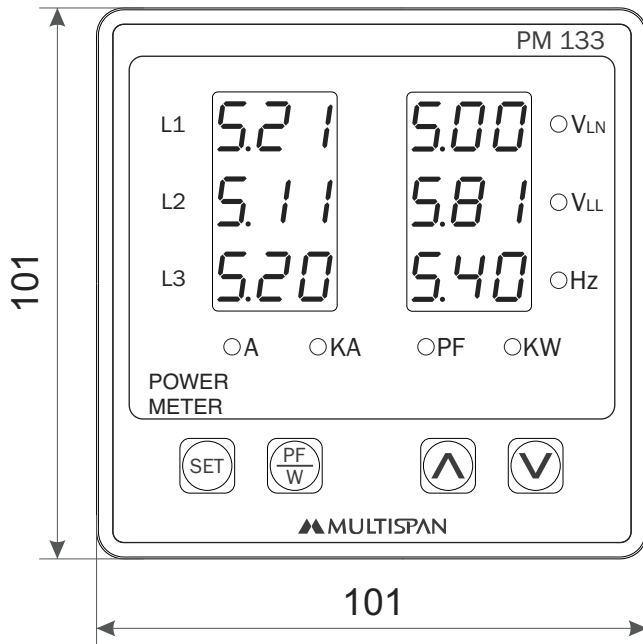
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

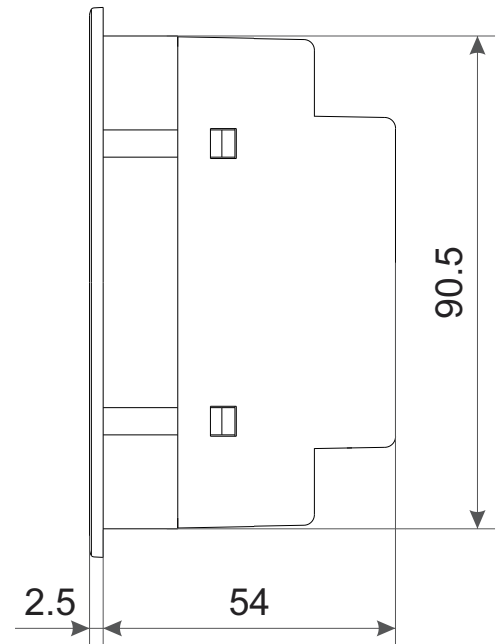
Mechanical Dimensions

Body Dimensions



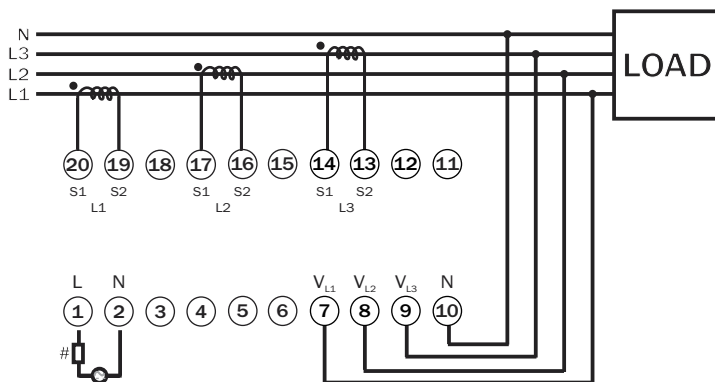
FRONT VIEW

All dimensions are in mm

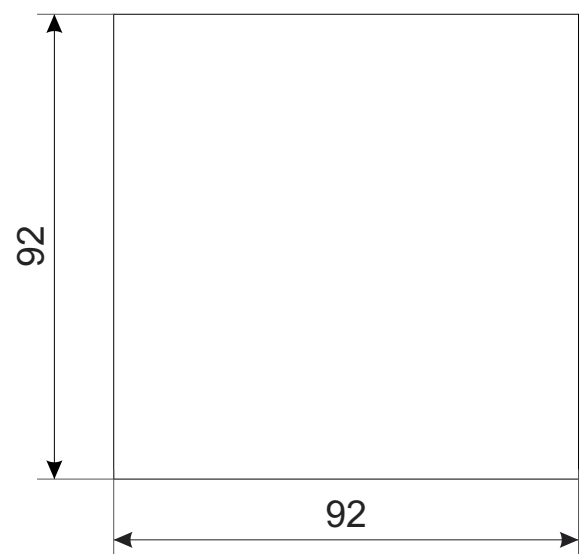


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	Voltage Range	3Ø - 4 Wire
	Input Current Range	50-300V AC (L-N) /87-519V AC (L-L)
	Current Range	0.5A to 5A AC
		5/5A To 3000/5A CT Ratio Selectable
Accuracy		Class 0.5
Power Supply		100 To 270V AC/DC,50/60 Hz Approx 4VA
Certification		  

Meter Type
3Ø4W

Auxiliary power supply	
Power Supply	100 to 270V AC/DC,50/60HZ
Consumption	4VA

Input	
Voltage	
Direct Voltage	50 To 300V (L-N) 87 TO 519V (L-L)
Burden	<0.2 VA
Current	
Secondary Current AC	5A (Factory Set)
Burden	<0.2 VA
CT Ratio	5 To 3000A Programmable
Overload	6A Continuous
Starting Current	0.5Amp
Frequency	45.0 TO 65.0 Hz

Display, Led & Keys	
Display	3 Digit 6Line 7 seg 0.36" Red LED Display
Key	SET,PF/W,INC,DEC
LED Indication	A, KA, PF, KW, V _{L-L} , V _{L-N} , Hz

Accuracy
Class 0.5

Calculated Parameters	
Voltage	L-L&L-N (Phase wise & Avg)
Current	Phase wise & Avg
Frequency	System Frequency
Power Factor	Phase wise & Avg
Active Power	Phase wise & Total
Load Hour	9999 Hr & 59 Min
RPM	Depended Pole

Environmental Characteristics

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
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	Polycarbonate (PC)
	Enclosure	ABS
Terminal Screw Size	M3.5	
Screw Torque (N.m)	0.5	
Wire Gauge (AWG)	26-14	
Weight (Approx) gms	Unpacked : 315 Packed : 370	
Accessories	1 Pair of Mounting Clamps	