



# 3 PHASE VAF PANEL METER

PM-133

## APPLICATIONS

Control & Relay Panel

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Energy Management System

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DG Set Panels

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LT / HT Panel

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Power Control Center Panels

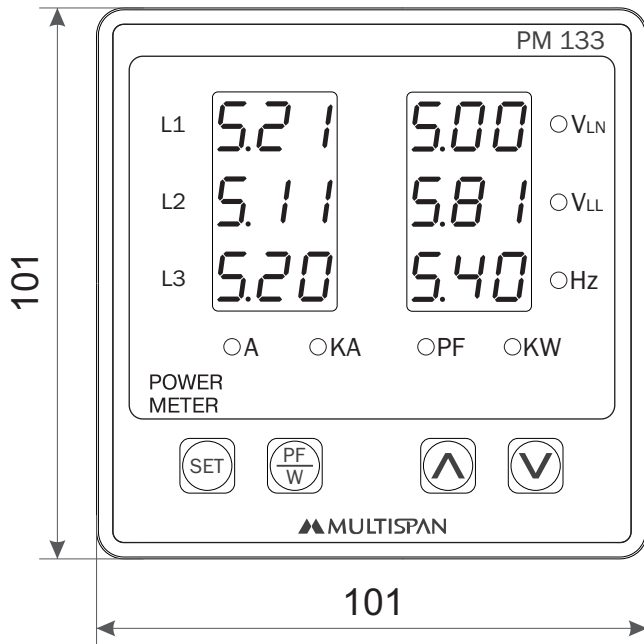
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Motor Control Center Panels

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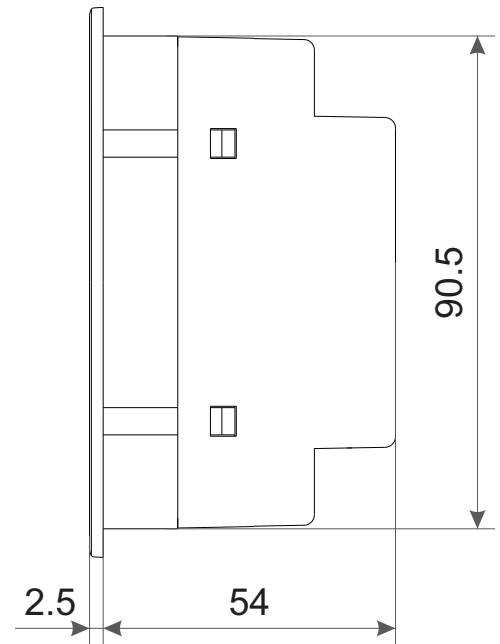
# Mechanical Dimensions

## Body Dimensions



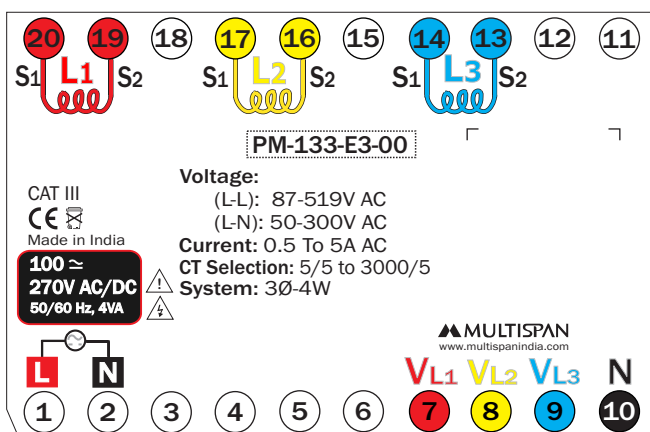
**FRONT VIEW**

All dimensions are in mm

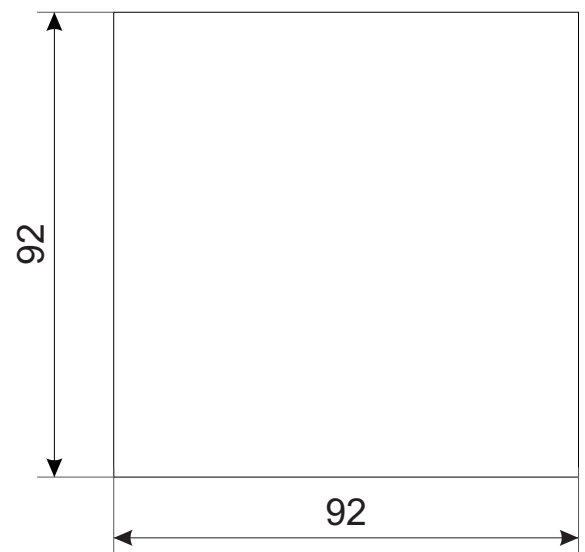


**RIGHT SIDE VIEW**


## Connection Diagram



## Panel Cutout



# TECHNICAL DATA

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

Meter Type
3Ø4W

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

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

Display, Led & Keys	
<b>Display</b>	3 Digit 6Line 7 seg 0.36" Red LED Display
<b>Key</b>	SET,PF/W,INC,DEC
<b>LED Indication</b>	A, KA, V <sub>LL</sub> , V <sub>LN</sub> , Avg, PS, Hz

Accuracy
Class 0.5

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