



3 Phase VAF PanelMeter

AVF-133

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

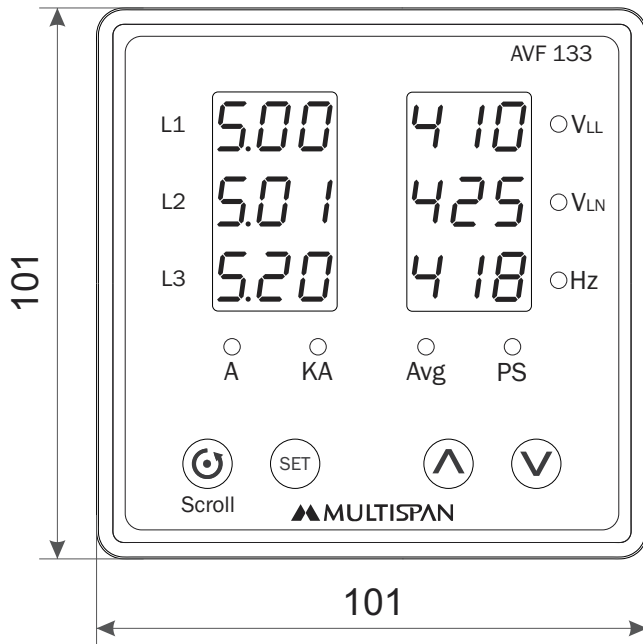
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

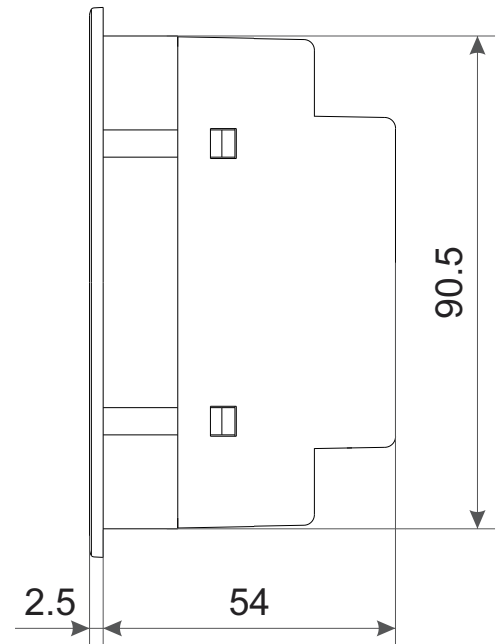
Mechanical Dimensions

Body Dimensions



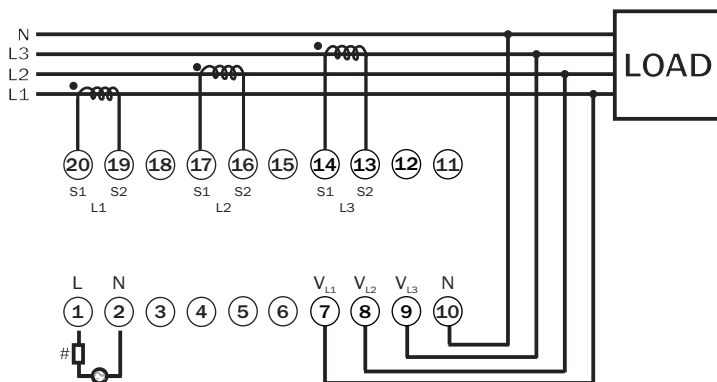
FRONT VIEW

All dimensions are in mm

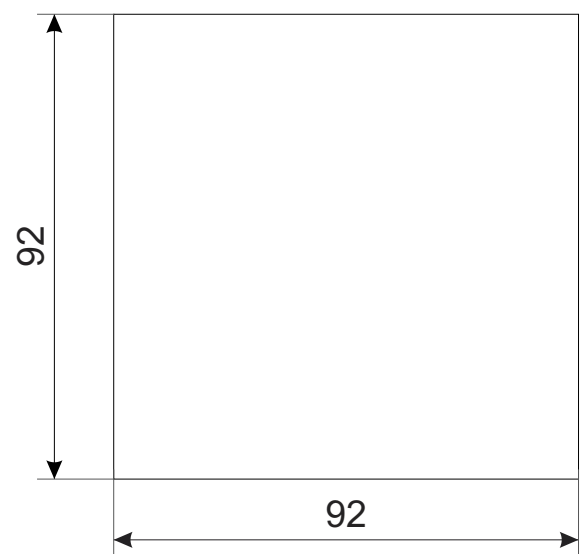


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	3Ø - 4 Wire / 3Ø - 3 Wire / 1Ø - 2 Wire
Voltage Range	30-300V AC (L-N) / 50-520V AC (L-L)
Input Current Range	0.1A to 5A AC
Current Range	5/5A To 9999/5A CT Ratio Selectable
Parameters	Voltage : V_{LL} , V_{LN} , Avg Current : All Phase Current (I_R, I_Y, I_B), Avg Frequency : System Frequency RPM & Load Hour
Accuracy	Class 0.5
Power Supply	100 To 270V AC/DC, 50/60 Hz Approx 4VA
Certification	

Meter Type
1Ø2W / 3Ø4W / 3Ø3W (Selectable)

Auxiliary power supply	
Power Supply	100 to 270V AC/DC
Consumption	4VA

Input	
Voltage	
Direct Voltage	30 To 300V (L-N) 50 TO 520V (L-L)
Burden	<0.2 VA
Current	
Secondary Current AC	5A (Factory Set)
Burden	<0.2 VA
CT Ratio	5 To 9999A Programmable
Overload	6A Continuous
Starting Current	0.1Amp
Frequency	45.0 TO 65.0 Hz

Display, Led & Keys	
Display	3 Digit 6Line 7 seg 0.36” Red LED Display
Key	Menu, Inc, Dec, Scroll
LED Indication	A, KA, V_{LL} , V_{LN} , Avg, PS, Hz

Accuracy
Class 0.5

Calculated Parameters	
Voltage	V _{LL} , V _{LN} , Avg
Current	All Phase Amp, Avg Amp
Frequency	System Frequency
Phase Sequence	Indication
Load Hour	UP to 9999 Hr 59 Min
RPM	UP to 3000

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 Guage (AWG)	26-14	
Weight (Approx) gms	Unpacked : 315 Packed : 370	
Accessories	1 Pair of Mounting Clamps	