



3 Phase Panel Meter

AVF-19D

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

LT / HT Panel

Power Control Center Panels

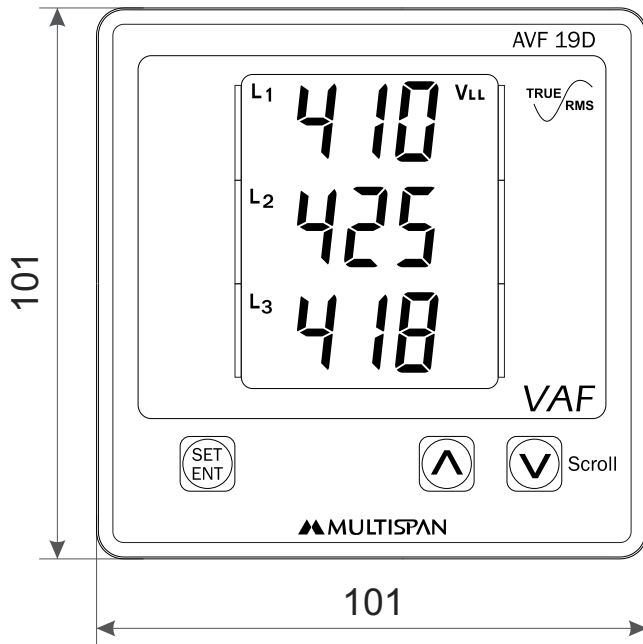
Motor Control Center Panels

Original Equipment

Manufacturers (OEMs)

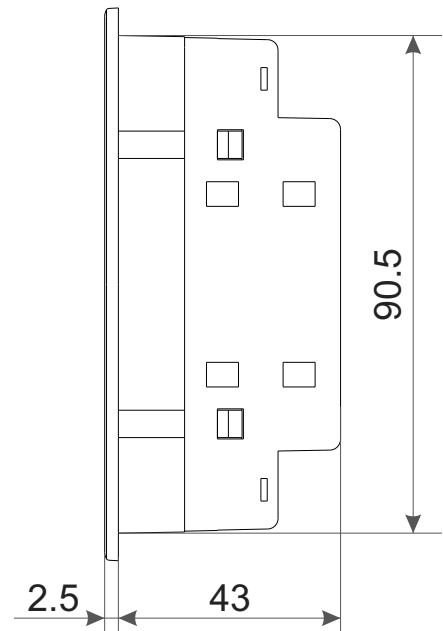
Mechanical Dimensions

Body Dimensions



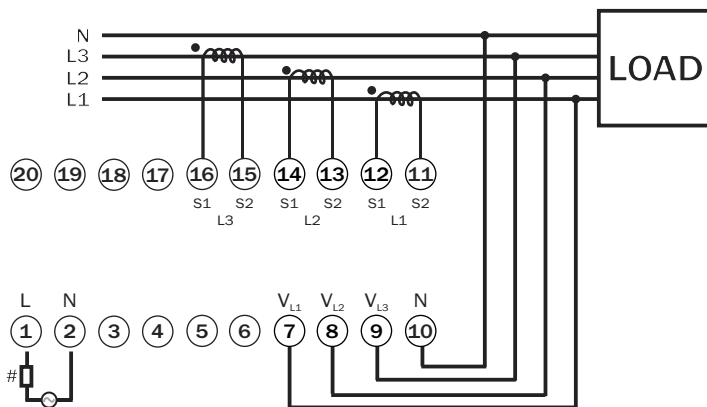
FRONT VIEW

All dimensions are in mm

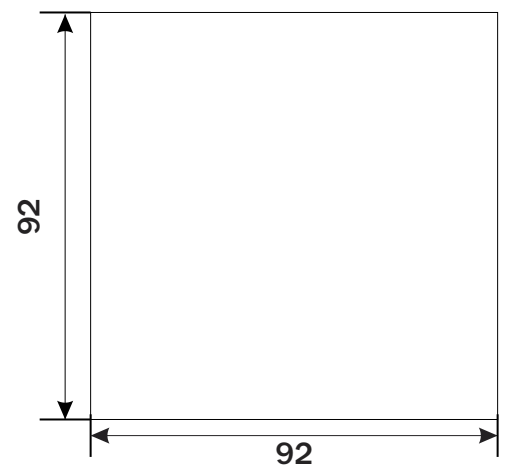


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	Voltage Current	3 Ø 4 Wire / 3 Ø 3 Wire / 1 Ø 2 Wire 30-300V AC (L-N) / 50-520V AC (L-L) 5/5A To 6000/5A CT Ratio Selectable
Parameters		Voltage : V_{LL} , V_{LN} , Avg Current : All Phase Amp, Avg Frequency, RPM, Load Hour
Accuracy		Class 0.5
Power Supply		230V AC 50 Hz Approx 4VA
Certification		

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

Auxiliary power supply	
Power Supply	230V AC,50Hz
Consumption	3VA

Input	
Voltage	
Direct Voltage	30 To 300V (L-N) 50 TO 520V (L-L)
Burden	<0.2 VA
Current	
Secondary Current AC	0.5 to 5Amp
Burden	<0.2 VA
CT Ratio	5 To 9999A Programmable
Overload	6A Continuous
Starting Current	50mA
Frequency	45 TO 65 Hz

Display, Led & Keys	
Display	3 Digit 3Line 7 seg 0.59” Red LED Display
Key	SET/ENT,INC & DEC/SCROLL
LED Indication	A, KA, V _{LL} , V _{LN} , Avg, Hz, L1,L2,L3

Accuracy
Class 0.5

Calculated Parameters	
Voltage	Voltage: (3Ø-3w)(L-L) (3Ø-3w)(L-N)&(L-L)
Current	Current all phase avg amp
Torque (Max)	1 N-m
Frequency	System Frequency
RPM & Load (UP to 9999)	

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 43
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 : 315 Packed : 370
Accessories	1 Pair of Mounting Clamps