



3 PHASE PANEL METER

AVF-19T

APPLICATIONS

Control & Relay Panel

Energy Management System

DG Set Panels

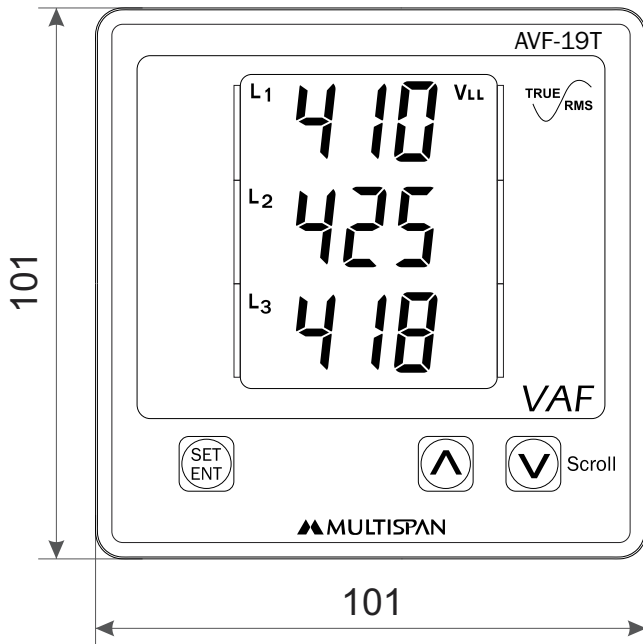
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

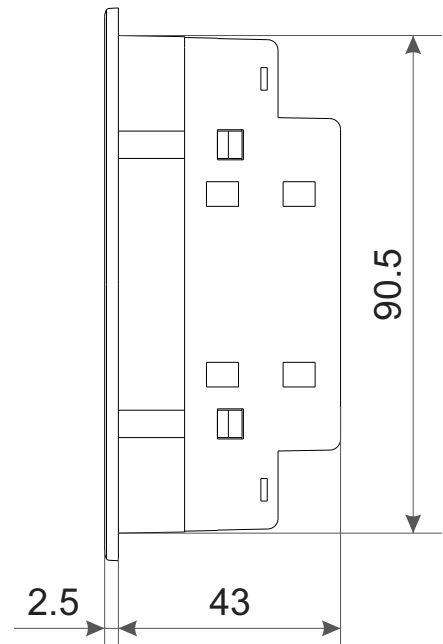
Mechanical Dimensions

Body Dimensions



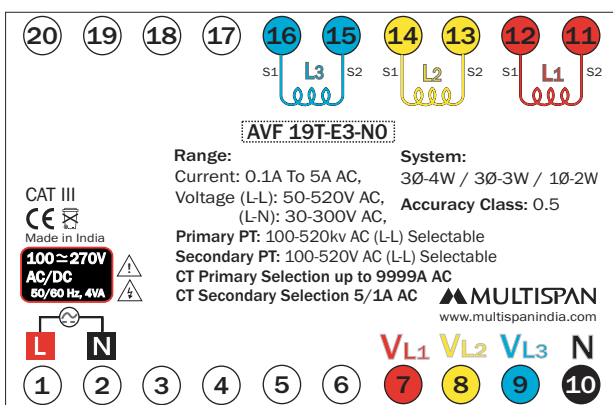
FRONT VIEW

All dimensions are in mm

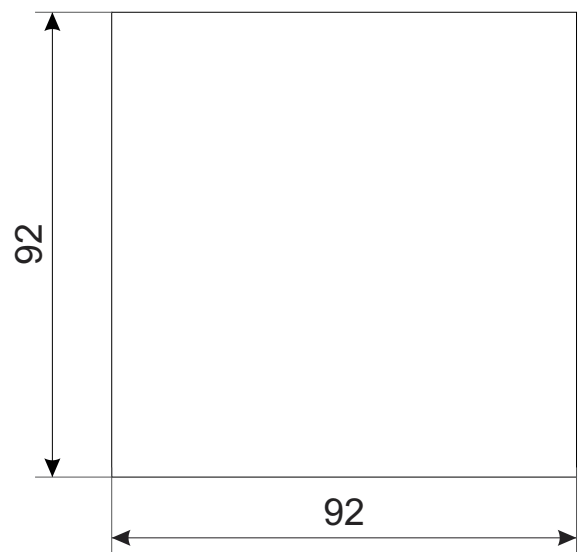


RIGHT SIDE VIEW


Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	Voltage	3 Ø 4 Wire / 3 Ø 3 Wire / 1 Ø 2 Wire 20-300V AC (L-N) / 35-520V AC (L-L)
	Current	5/5A To 9999/5A 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	100 to 270V AC/DC	
Certification		

Meter Type

1Ø 2W / 3Ø 4W / 3Ø 3W (Selectable)

Input

Voltage

Direct Voltage

30 To 300V (L-N)
50 To 520V (L-L)

Burden

<0.2 VA
100-520kv AC (L-L) Selectable
100-520V AC (L-L) Selectable

Current

Secondary Current AC

0.1 to 5Amp

Burden

<0.2 VA

CT Primary

Selection up to 9999A AC

CT Secondary

Selection 5/1A AC

Overload

6A Continuous

Starting Current

0.1mA

Frequency

45 TO 65 Hz

Accuracy

Class 0.5

Calculated Parameters

Voltage

(3Ø - 3W) (Line to Line)
(3Ø - 4W) (Line to Neutral)
& (Line to Line)

Current

Current all Phase
Avg Amp

Frequency

System Frequency

RPM & Load Hour (UP to 9999)

Auxiliary Power Supply

Power Supply

100 to 270V AC/DC,
50/60Hz

Burden

4VA

Display

Display

3 Digit 3 Line 7 Seg 0.59"
Red LED Display

Key

SET, INC, DEC

LED

A, KA, V_{LL} , V_{LN} , Avg, Hz,
L1, L2, L3

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 : 200 Packed : 230
Accessories	1 Pair of Mounting Clamps