



3 PHASE PANEL METER

AVF-29T

APPLICATIONS

Control & Relay Panel

Original Equipment

Manufacturers (OEMs)

Energy Management System

DG Set Panels

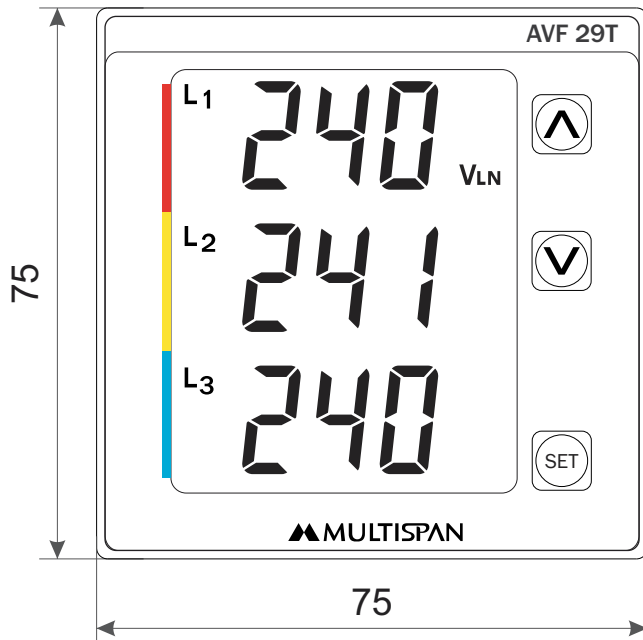
LT / HT Panel

Power Control Center Panels

Motor Control Center Panels

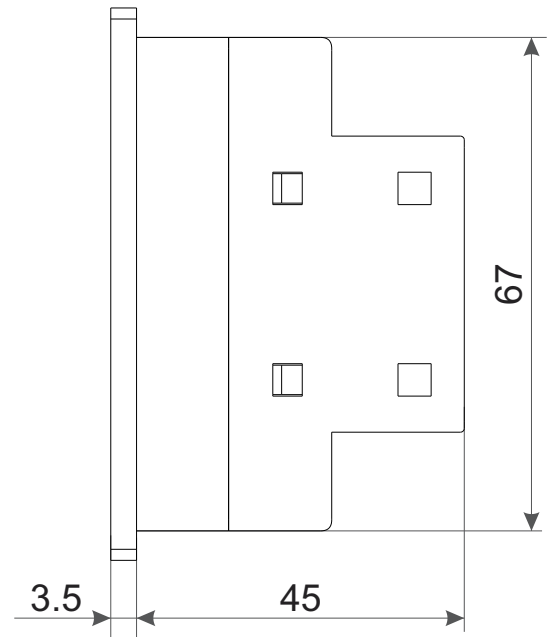
Mechanical Dimensions

Body Dimensions



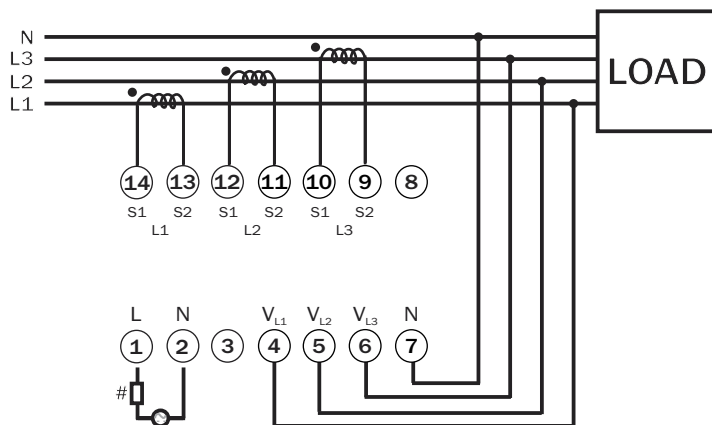
FRONT VIEW

All dimensions are in mm

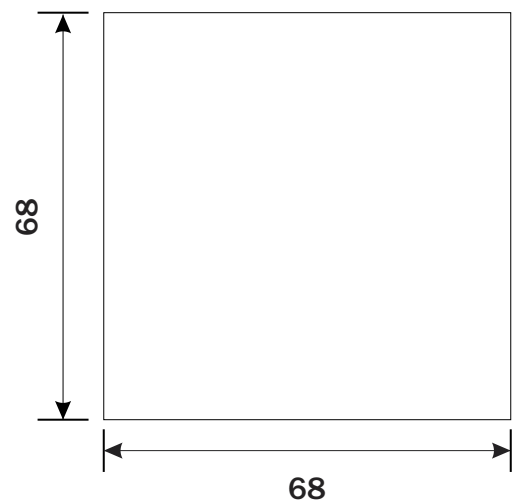


RIGHT SIDE VIEW

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, 50/60Hz , Approx 4VA
Certification		CE

Meter Type

1Ø 2W / 3Ø 4W / 3Ø 3W (Selectable)

Accuracy

Class 0.5

Input

Voltage

Direct Voltage

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

Burden

<0.2 VA

Current

Secondary Current AC

0.05 to 5Amp

Burden

<0.2 VA

CT Ratio

5 To 9999A Programmable

Overload

6A Continuous

Starting Current

50mA

Frequency

45 TO 65 Hz

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

Mechanical Characteristics

Mounting Type	Panel Mount
Dimension (HxWxD) mm	75 x 75 x 45
Panel Cutout (HxW) mm	68 x 68
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 : 132 Packed : 162
Accessories	1 Pair of Mounting Clamps