

# AVF-29T

## 3 Phase Panel Meter



## TECH SPECS

Dimension (HxWxD) mm	72 x 72 x 45
Input	3 Ø 4 Wire / 3 Ø 3 Wire / 1 Ø 2 Wire
Voltage	20-300V AC ( L-N ) / 35-520V AC ( L-L )
Current	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	100 to 270V AC, 50/60Hz, Approx 4VA
Certification	

## 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

# Technical Specifications

## Meter type

1 $\Phi$ 2W / 3 $\Phi$  4W / 3 $\Phi$  3W ( Selectable )

## Auxiliary Power Supply

Power Supply	100 to 270V AC,50/60Hz
Burden	4VA

## Input

### Voltage

Direct Voltage	30 To 300V ( L-N ) 50 TO 520V ( L-L )
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Burden	<0.2 VA
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### Current

Secondary Current AC	0.5 to 5Amp
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Burden	<0.2 VA
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CT Ratio	5 To 6000A Programmable
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Overload	6A Continuous
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Starting Current	50mA
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Frequency	45 TO 65 Hz
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## Physical

Mounting Type	Panel Mount
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Size ( H x W x D )mm	72 X 72 X 45
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Front Bezel ( H x W ) mm	72 X 72
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Panel Cutout (H x W ) mm	68 X 68
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Depth Behind panel (mm)	45
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Material	ABS
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Accessory	2 Panel Mounting Clamp
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Terminal & Cable Size	Barrier Type terminal Cable Size ( 2.5 mm <sup>2</sup> )
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## Display, Keys & LED

Display	3 Digit 3Line 7 seg 0.59" Red LED Display
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Key	SET,INC, DEC
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LED	A, KA, V <sub>L-L</sub> , V <sub>L-N</sub> , Avg, Hz, L1,L2,L3
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## Environmental

Working Temperature	0 to 55 °C
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Storage Temperature	0 to 55 °C
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Relative Humidity	95% RH Non-condensing
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Warm up time	5 minutes
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## Calculated Parameters

Voltage	Voltage : (3 $\Phi$ - 3W) (Line to Line) (3 $\Phi$ - 4W) (Line to Neutral) & (Line to Line)
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Current	Current all Phase Avg Amp
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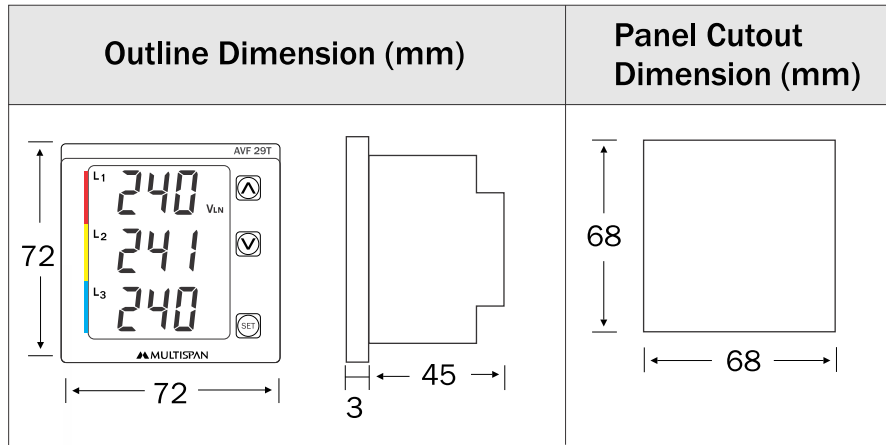
Frequency	System Frequency
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RPM & Load Hour (UP to 9999)

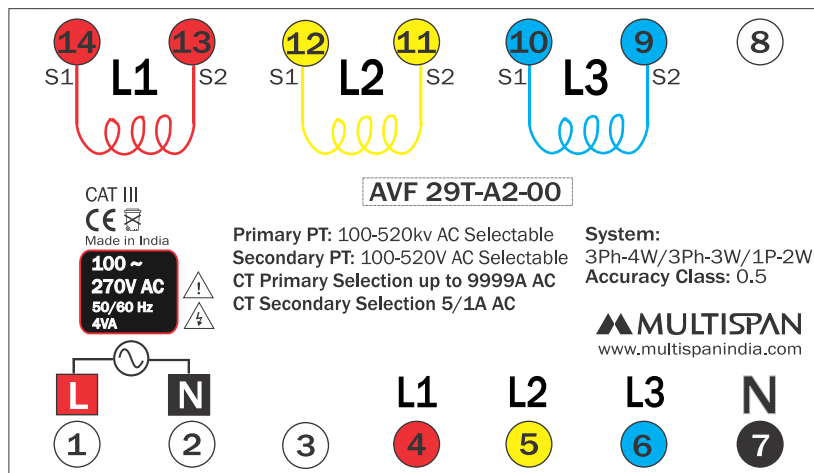
## Accuracy

Class 0.5

## Mechanical Dimension



## Connection Diagram



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.  
Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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