



# VOLT METER

AV-31V

## APPLICATIONS

Electrical Control Panel

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Power Distribution

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Instrumentation Panel

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Transformer training

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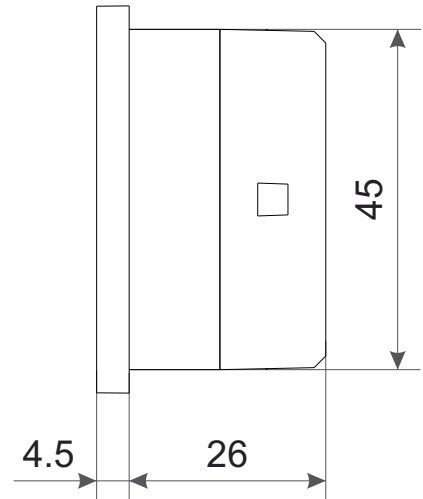
# Mechanical Dimensions

## Body Dimensions



**FRONT VIEW**

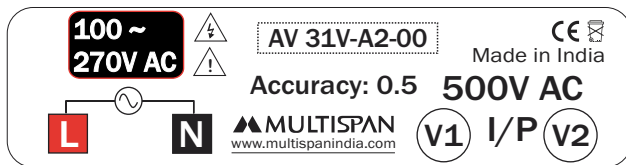
All dimensions are in mm




**RIGHT SIDE VIEW**

## Panel Cutout

## Connection Diagram



# TECHNICAL DATA

<b>Input</b>	<b>Voltage (AC)</b>	30 to 500V AC
<b>Accuracy</b>		Class 0.5
<b>Power Supply</b>		100 to 270V AC ,50/60Hz
<b>Certification</b>		

Input	
<b>Voltage</b>	30 to 500V AC
<b>Burden</b>	<0.2VA
<b>Response Time</b>	1.4 Sec
<b>Sampling Rate</b>	1500 Sample / Sec

Environmental Characteristics	
<b>Humidity</b>	95% RH Non-condensing
<b>Ingress Protection</b>	IP 65 (Front Only)
<b>Storage Temperature</b>	0 to 55°C
<b>Working Temperature</b>	0 to 55°C

Auxiliary Power Supply	
<b>Power Supply</b>	100 to 270V AC/DC
<b>Burden</b>	3VA

Mechanical Characteristics	
<b>Mounting Type</b>	Panel Mount
<b>Dimension (HxWxD) mm</b>	51.5 x 98 x 26
<b>Panel Cutout (HxW) mm</b>	46 x 92
<b>Material</b>	Front Enclosure Polycarbonate (PC) ABS
<b>Terminal Screw Size</b>	M3.5
<b>Screw Torque (N.m)</b>	0.5
<b>Wire Gauge (AWG)</b>	26-14
<b>Weight (Approx) gms</b>	Unpacked : 125 Packed : 180
<b>Accessories</b>	1 Pair of Mounting Clamps

Display
3 Digit 7 seg 0.56", RED LED Display

Accuracy
Class 0.5 (Standard)