



# DC VOLTAGE METER

AV-24DV

## APPLICATIONS

Electrical Control Panel

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Power Distribution

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Instrumentation Panel

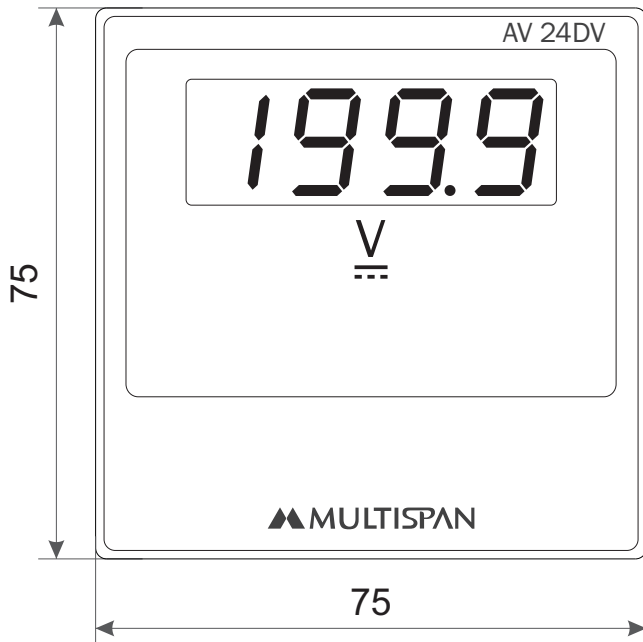
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Transformer training

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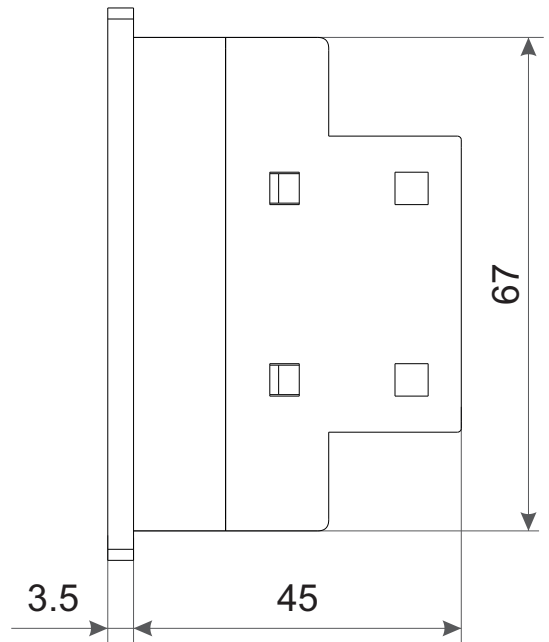
# Mechanical Dimensions

## Body Dimensions



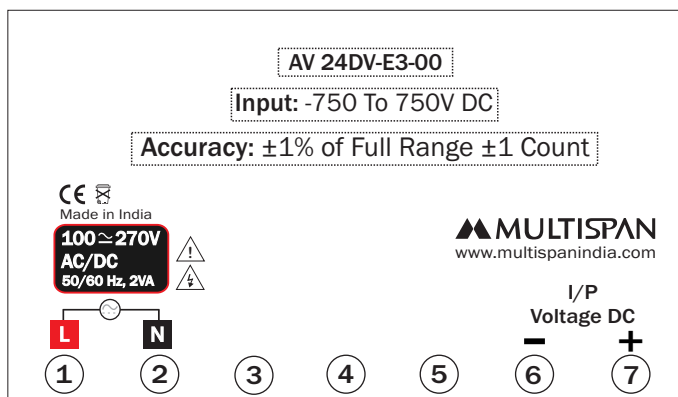
**FRONT VIEW**

All dimensions are in mm

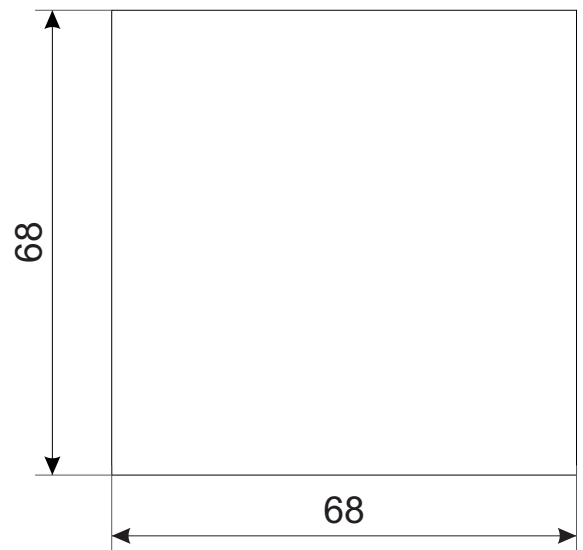


**RIGHT SIDE VIEW**

## Connection Diagram



## Panel Cutout



# TECHNICAL DATA

<b>Input</b>	-20.0V to +20.00V DC -50.0V to +50.0V DC -100V to +100.0V DC -200V to +200.0V DC -750V to +750.0V DC
<b>Accuracy</b>	±1% of Full Range ±1 Count
<b>Power Supply</b>	100 To 270V AC/DC , 50/60 Hz

Input	
<b>Voltage (DC)</b>	-20.0V to +20.00V DC -50.0V to +50.0V DC -100V to +100.0V DC -200V to +200.0V DC -750V to +750.0V DC
<b>Burden</b>	<0.2VA

Accuracy
±1% of Full Range ±1 Count

Environmental Characteristics	
<b>Working Temperature</b>	0 to 55 °C
<b>Storage Temperature</b>	0 to 70 °C
<b>Relative Humidity</b>	95% RH Non-condensing
<b>Protection (As per Request)</b>	IP-65 (Front Side)

Power Supply	
<b>Standard</b>	100 to 270V AC/DC, 50/60 Hz
<b>Consumption</b>	Up to 2VA

Mechanical Characteristics	
<b>Mounting Type</b>	Panel Mount
<b>Dimension (HxWxD) mm</b>	75 x 75 x 45
<b>Panel Cutout (HxW) mm</b>	68 x 68
<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 : 220 Packed : 250
<b>Accessories</b>	1 Pair of Mounting Clamps

Display
4 Digit 7 seg 0.56", RED LED Display