



DC VOLTAGE METER

AV-14DV

APPLICATIONS

Electrical Control Panel

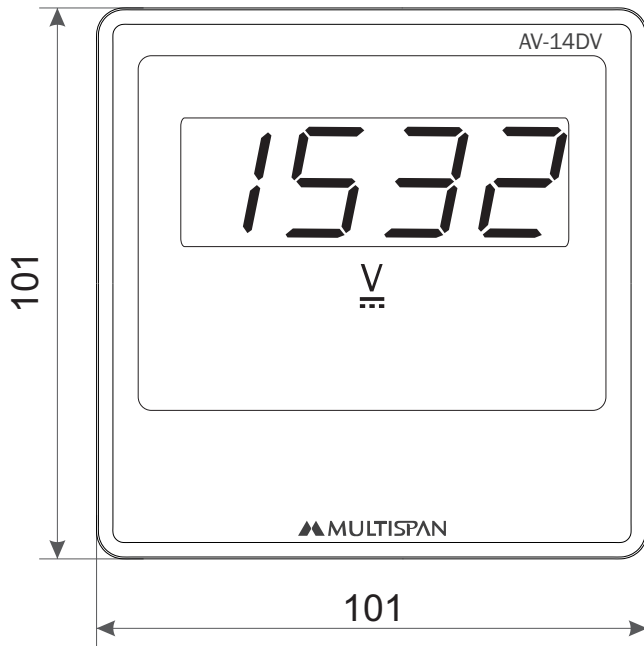
Power Distribution

Instrumentation Panel

Transformer training

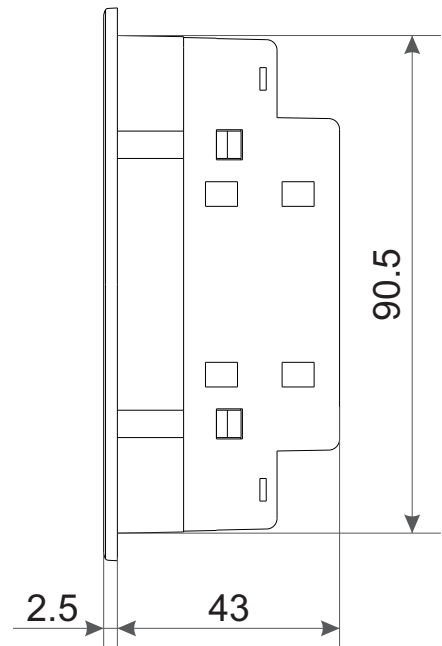
Mechanical Dimensions

Body Dimensions



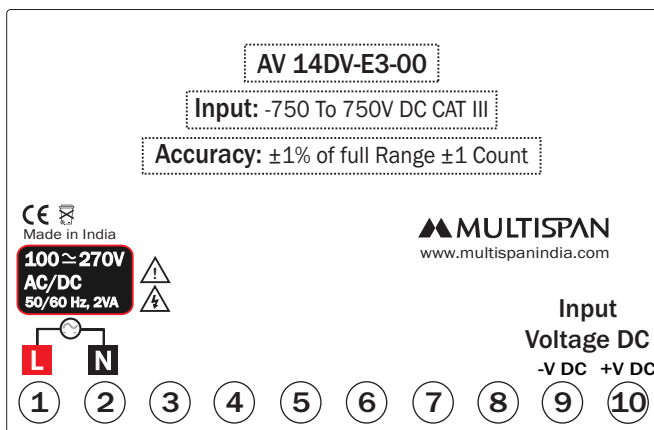
FRONT VIEW

All dimensions are in mm

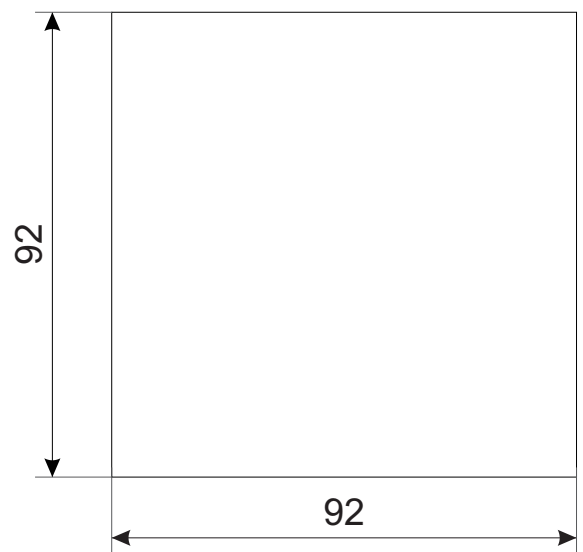


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

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

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

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

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

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 Guage (AWG)	26-14
Weight (Approx) gms	Unpacked : 215 Packed : 270
Accessories	1 Pair of Mounting Clamps

Display
4 Digit 7 seg 0.8", RED LED Display

Accuracy
±1% of Full Range ±1 Count