

36049-TE

Decade Resistor Box, 0-9999.9 Ohms

5 Decade adjustable resistor in a sturdy plastic case. Positive detent rotary switching. Indispensable when testing sensors, bridge circuits, tuned circuits, precision current generation and general lab setups. Internal resistive elements are made of highly stable, manganese-copper alloy wire, wound on a ceramic element for very low Inductance.

Range: 0-9999.9Ω (5 decades)

Minimum Step Value: 0.1Ω

Residual Resistance (0Ω Setting): <0.035

Max. Power: 1/2W Peak Surge 1W

Max. Current: SEE BELOW

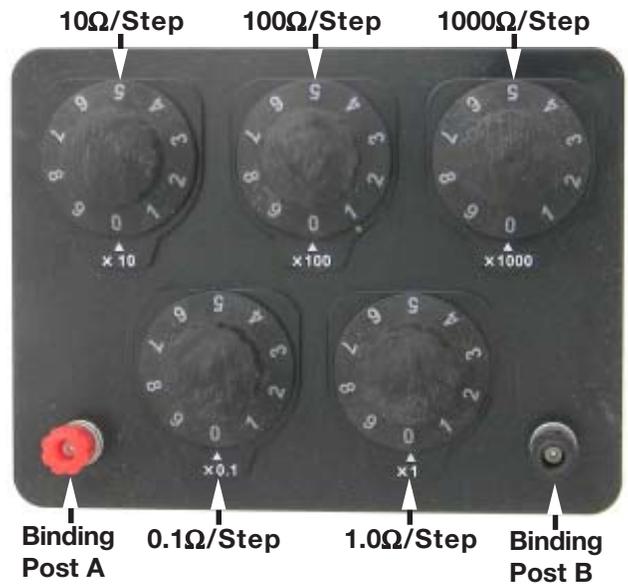
Operating temperature: 0-40 ° C

Humidity: 25%-80%

Insulation Resistance: >50MΩ

Connection: Binding Posts

L: 6-1/2" W: 4-3/4" H: 3-1/4" WT: 1



EQUIVALENT CIRCUIT

Max Current:

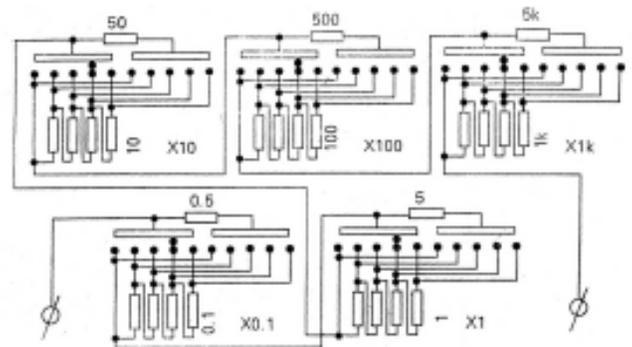
Determined by $I = \sqrt{V_{across\ box} / R_{box}}$

I=Current

V=Voltage

R- Resistance

0.1Ω	1Ω	10Ω	100Ω	1KΩ	9999.9Ω
2A	0.9A	0.2A	0.09A	0.02A	0.007A



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