Measurements International

A Metrology Based Company

Model 9210A

MI-Type Standard

Replaces Thomas-Type One-Ohm
Low Temperature Coefficient
Improved Stability - Oil Type
New Industry Standard

General Description:

The Model 9210A MI-Type standard has been developed through years of research by NRCC and Measurements International and is now offered as an improved resistor design to replace the L&N Thomas-Type One-Ohm Standard as well as other values. These improvements have been achieved through a new annealing process of the element and changes in the structural mounting. Historical data is now proving the Model 9210A to be the most stable oil filled resistor commercially available.

The Model 9210A features a long term drift rate less than 0.2 ppm per year and a temperature coefficient of less than 0.05 ppm/°C.

Revision 2

Model 9210A

Specifications:

Model 9210A

Temperature Coefficient	<0.05 PPM/°C
Nominal Value	<10 PPM
Long Term Drift	<0.2 PPM/year
Maximum Power	0.1 Watt
Operating Environment	20°C to 30°C in oil
Storage Environment	0° to 40°C, 10 to 80% RH, non-condensing
Dimensions	Height: 165 mm, Diameter: 90 mm
Weight	2 kg
Shipping Weight	5 kg
Warranty	1 Year Parts & Labor

Accessories:
Carrying Case

Operating Power:
NA

Distributed By:

How to Order:
Model: 9210A/0R1 - MI-Type Tenth-Ohm Standard
9210A/1R - MI-Type One-Ohm Standard

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