

Product Code . JL-SI-8096

Resistance Box Constantan & Manganin



Description

Resistance Box Constantan & Manganin

Eleven position switches are employed.

Decade Resistance Boxes incorporate the latest design switches so as to ensure low contact resistance.

The moving contacts are constructed from phosphor-bronze lamination to ensure long life and repeatability of results.

Panel:

An insulating panel of bakelite enclosed in an elegantly polished teak wood box.

Resistance Coil:

Manganin has a negligible temperature coefficient against copper.

Resistance Coils are non-inductively wound, properly varnished and aged for permanence of values over a long period.

Imported double silk covered manganin or constantan wire is used in Grade A and Grade B resistance boxes separately.

Accuracy:

Accuracy is brought within the field $\pm 0.05\%$ to $\pm 0.1\%$ for constantan coils (B Grade) and $\pm 0.02\%$ to $\pm 0.05\%$ for manganin coils (A Grade)

Contact Resistance:

Contact Resistance per decade is of the order of 0.0015 ohm.

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