DECADE INDUCTANCE BOXES

Features

- **Independent Range selection**
- **Direct read – out**
- **Output on safety sockets**
- **Moulded side covers with embossed handles**
- **Membrane panel**
- **Compact Design**
- **Tolerance available up to 0.1%**

Application

Decade inductance boxes are used for designing, testing and calibration of test equipments, inductive filters, oscillators, frequency analyzers, etc. It is also used as a temporary substitute for finding the optimum value of required inductance in audio and low radio frequency equipments. The main function of these instruments are to create a specific inductance value by selecting the rotary switches . inductance range from 100H to 10H with a general accuracy of 1%.

Description

A wide range of accurate inductance are available through single row of switches, which allows to read the selected value directly from the position of CONTROL KNOBS. These Decade inductance boxes are designed to get accurate inductance by selecting an individual range any where through the bottom mounted shrouded sockets.

Inductance are made of precision winding on ferrite pot core to get precise value. Specially designed bobbins holding pot core mounted on PCB to get stable values.

Use of professional grade rotary switches of wiping & self cleaning contacts of silver plated copper alloy with excellent dielectric material. These switches are designed for very low contact resistance and high insulation. Inductance are enclosed in metal cabinet or a specially designed aluminium extruded body with multi-color printed polycarbonate membrane on front panel. Specially made quality hardware components provide easy operation and elegant look . High accurate testing and measuring instrument being used to calibrate these decade boxes

"S" Series : Decade Boxes with Metal body Powder coated
"A" Series : Decade Box with metal body with Aluminium Extrusion Anodized /Powder coated with plastic side cover embossed handle

Available Models & Specifications

Models	Description	Steps	Dials
DIB-1-4	100mH to 1.111 mH	100mH	4
DIB-3-1	0.01H to 0.1H	0.01H	1
DIB-4-1	0.1H to 1.0H	0.1H	1
DIB-1-3	100mH to 111 mH	100mH	3
DIB-2-3	1mH to 1.11H	1mH	3
DIB-2-4	1mH to 11.11mH	1mH	4
DIB-3-2	10mH to 1H	10mH	2
DIB-4-2	100mH to 10H	100mH	2
DIB-5-1	1H to 10H	1H	1
DIB-1-5	100mH to 11.11H	100mH	5

Mechanical Specifications

	Decades	Weight	Dimension in cm. L - W - H
"S" Series	1	0.60Kg	105 - 82 - 90
	2	0.70Kg	155 - 82 - 90
	3	0.90Kg	200 - 82 - 90
	4	1.10Kg	245 - 82 - 90
	5	1.30Kg	290 - 82 - 90
"A" Series	1	0.50Kg	130 - 90 - 95
	2	0.65Kg	180 - 90 - 95
	3	0.75Kg	225 - 90 - 95
	4	0.90Kg	270 - 90 - 95
	5	1.10Kg	315 - 90 - 95

Note
Maximum Current : 200mA @(10H)
General Tolerance : ±2%
Available ±1% & ±5% on request.
General output termination on Binding Post
Shrouded Socket on request

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