



OMEGA TYPE RCD-117 R.C. Decade Box has been introduced for Designers and Experimenters. R.C. Decade Box can be used as R,C, Series RC, Parallel RC, Low Pass Filter (Integrator) and High Pass Filter (Differentiator) by introducing it into the circuit. By setting different values, one can monitor performance for the right value.

It consists of 6 decades of one percent precision high stability cracked carbon resistors of one Watt, maximum working voltage 400V, value 10 ohms to 11,111 M ohms, 5 decades of high quality Polyester Condensers of $\pm 1\%$ Accuracy, value 100 pF to 10 mF in steps of 100 pF and one decade of nonpolarised electrolytic condensers $\pm 10\%$ Accuracy, value 10 mF to 100 mF in steps of 10 mF. Max working voltage : 400 VDC.

SPECIFICATIONS

01 RESISTANCE

- 1.1 Accuracy : $\pm 1\%$
- 1.2 Power Rating : 1 Watt each
- 1.3 Range : 10 ohms to 11,111 M ohms in steps of 10 ohms

02 CONDENSERS

- 2.1 Accuracy : 100 pF to 10 mF $\pm 1\%$, 10 mF to 100 mF $\pm 10\%$
- 2.2 Range : 100 pF to 100 mF in steps 100 pF.
- 2.3 Max. Working Voltage: 400 VDC.

FEATURES

- 01 One percent precision high stability cracked carbon resistors of one Watt rating are used which are preferred for high frequency operation in comparison to wire wound resistors because the former are non-inductive and non-capacitive.
- 02 For condensers 5 decades comprise of high quality Polyester condensers of $\pm 1\%$ and one decade of non-Polarised Electrolytic condensers of $\pm 10\%$ accuracy.
- 03 Non-polarised Electrolytic condensers have been used to prevent any possibility of damage as in complicated circuitry one is not sure of positive terminal.
- 04 Different configurations
 - 4.1 Resistance
 - 4.2 Capacitance
 - 4.3 Series RC
 - 4.4 Parrallel RC
 - 4.5 Low Pass Filter (integrator)
 - 4.6 High Pass Filter (Differentiator) can be selected by a switch.
- 05 Weight : 2 Kg. (Approx.)

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

Works:
28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
omegajipur62@gmail.com

Marketing Division:
B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223

www.omegaelectronics.net