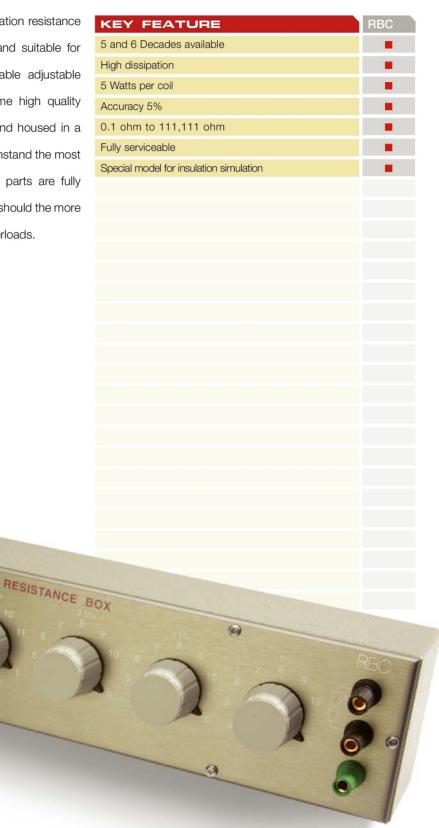


HIGH ACCURACY HIGH CURRENT DECADE BOXES WITH VERSATILE WIDE OHM RANGE

The RBC Series is a robust range of high dissipation resistance decades available in 5 or 6 decade versions and suitable for applications where reasonably precise and stable adjustable loads are required. Constructed using the same high quality components as our other resistance decades and housed in a light alloy ventilated case, the RBC Series will withstand the most arduous use and give many years service. All parts are fully serviceable and can be repaired in our workshop should the more enthusiastic user damage the units with high overloads.



RBC SPECIFICATIONS

RBC5		RBC6	Decade	Accuracy	Current Max mA
Α	В	Α			
			10 x 0.1Ω	5%	7000
			10 x 1Ω	5%	2200
			10 x 10Ω	5%	700
			10 x 100Ω	5%	220
			10 x 1kΩ	5%	70
			10 x 10kΩ	5%	22

Calibration

Calibration certificates including UKAS traceable are available on request

Switches

Contact material gold plated brass

Contact resistance < 5mohm

Insulation Resistance (all paths > 10Gohm)

Resistors

Temperature Co-efficient:

0.1 Ω : <10ppm / °C 1 Ω , 10 Ω : <400ppm / °C 100 Ω , 1K Ω , 10K Ω : <200ppm / °C

Full Load Stability:

<5%, 70°C, 1000 hours

No Load Stability:

<1%, 20°C, 1 year

Temperature range:

0°C to + 70°C

Power Rating:

5W per resistor

Maximum Working Voltage:

70vdc / 33 vrms

Weight

5 Dial Box - 3.0kg 6 Dial Box - 3.5kg

Size

5 Dial Box - 390mm x 105mm x 130mm (W H D) approx 6 Dial Box - 450mm x 105mm x 130mm (W H D) approx

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