

The resistance decade box offers 8 decades and is very suitable for engineering, R&D, education, etc. And with 1 low range decade of 0.1Ω it's ideal for current sensing.

### Features:

- Resistance range from 0.0Ω to 0.9Ω  
Resistors are specially arranged for compensating the rotary switch contact resistance
- Resistance range from 0Ω to 9.999.999Ω
- Gold-plated binding posts
- Binding posts accept 4mm banana plugs, alligator clips or bare wires
- SMD resistors
- ABS case



### Technical Specifications

Unit range	0.1 to 0.9Ω	1.0 to 9.999.999Ω
Accuracy	3%	1%
Internal Resistance	Compensated*	225mΩ MAX
Decades	1	7
Steps	0.1Ω	1.0Ω
Power Rating MAX	1W	1W
Max Allowable Voltage	175V DC/AC	400V DC/AC
Max Switchable Voltage	125V DC/AC	125V DC/AC
Temp. Co-efficient	150ppm/°C	100ppm/°C
Dimensions	216 x 140 x 100 mm (8.5" x 5.5" x 3.9")	
Operating Temp.	0 to 50°C	

\*Step 0 has a resistance of 25mΩ MAX, step 1 to 9 are compensated to be within the accuracy.

### General Specifications

#### Testing

The unit is tested with the Rigol DM3068 Digital Multimeter 6½ digits 0.003% accuracy.

#### Warranty

One year.

#### Cleaning

Do not use industrial cleaning agents it will damage the surface of the unit.  
Only use light household cleaning agents.

#### Operation

 **Risk of electric shock when used improperly** 

1. Make sure that there is no power applied to the binding posts of the unit.
2. Turn all switches to zero.
3. Set the switches for the desired value.
4. Connect the test leads or wires to the input binding posts. For the range 0.0Ω to 0.9Ω use the black coloured binding post on the left and the red coloured binding post in the middle. For the range 0Ω to 9.999.999Ω use the black coloured binding post on the right and the red coloured binding post in the middle.
5. The unit is ready for operation.
6. If the unit needs to change to another desired value return to step 1.