

# RM6

## WIDE RANGE, COMPACT & VERSATILE 6 DECADE RESISTANCE BOX WITH DOUBLE POLE SWITCHING

This small, cost effective decade box further enhances our comprehensive range, offering excellent value for money. This 6 decade model has a total resistance of 11.1111 Mega ohm with a resolution of 10 ohm. The accuracy of  $\pm 1\%$  is achieved using metal film resistors which have a power rating of 0.4 Watt, the maximum specified voltage is 250V. Designed for durability the case is hardwood with an anodised aluminium top panel which is clearly marked with the switch position numbers and the decade values. The size is only 287 x 65 x 65 mm. The RM6 is a valuable addition to any workshop or laboratory offering a wide range of values with minimum cost.

| KEY FEATURE                 | RM6 |
|-----------------------------|-----|
| 6 decades                   | ■   |
| Range 10 ohm to 10 Mega ohm | ■   |
| Accuracy 1%                 | ■   |
| Low cost                    | ■   |
|                             |     |
|                             |     |
|                             |     |
|                             |     |
|                             |     |
|                             |     |

## RM6 SPECIFICATIONS

| Decades            | Accuracy  | Maximum Current |
|--------------------|-----------|-----------------|
| 10 x 10 $\Omega$   | $\pm 1\%$ | 100mA           |
| 10 x 100 $\Omega$  | $\pm 1\%$ | 30mA            |
| 10 x 1k $\Omega$   | $\pm 1\%$ | 18mA            |
| 10 x 10k $\Omega$  | $\pm 1\%$ | 5mA             |
| 10 x 100k $\Omega$ | $\pm 1\%$ | 1.8mA           |
| 10 x 1M $\Omega$   | $\pm 1\%$ | 0.5mA           |

### Terminals

2 binding posts will accept 4mm banana plugs and spade tags.  
1 terminal for connection to panel/earth

### Dimensions

287mm x 65mm x 65mm (W H D) approx

### Mass

0.48kg

### Resistors

Metal film 0.4 W at 70°C

Temperature coefficient  $\pm 100$  p.p.m. / °C

### Switches

Silver plated brass contact resistance = 10 Mega ohm,  
positive click mechanism  
Insulation Resistance >50,000 Mega ohm

### Residual Resistance

< 0.01 ohm

### Case

Wood with anodised aluminium top panel





SEAWARD TEST AND MEASUREMENT COMPANIES INCLUDE:  
**CLARE** **CROPICO** **RIGEL** **SEAWARD**  
INDUSTRIAL SAFETY INSTRUMENTS    PRECISION INSTRUMENTS    MEDICAL    PORTABLE ELECTRICAL SAFETY INSTRUMENTS