

# RM6N

## SPACE SAVING, COMPACT & VERSATILE 6 DECADE RESISTANCE BOX WITH WIDE RANGE

The RM6-N is a space saving 6 decade resistance box, 3 models are available covering the range 1 ohm to 111,111 Mega ohm. An additional 1 kilo ohm resistor is available at the terminals enabling the user to make a simple divider. The RM6-N incorporates 0.6 watt resistors with a specified accuracy of  $\pm 1\%$ . The maximum permissible voltage is 250 V dc. Designed for durability and ease of maintenance, the case is high impact polystyrene and the size is only 190 x 140 x 70 mm. The RM6-N's constitute an ideal tool for use in all electrical and electronic laboratories or workshop environments offering a wide range of values with minimum cost.

KEY FEATURE	RM6N
6 decades	■
Range 10 ohm to 10 Mega ohm	■
Accuracy 1%	■
Low cost	■

### RM6N SPECIFICATIONS

Decades	Accuracy	Maximum Current	RM6-N	RM6-N2	RM6-N3
10 x 1 $\Omega$	$\pm 1\%$	250mA		■	
10 x 10 $\Omega$	$\pm 1\%$	250mA	■	■	
10 x 100 $\Omega$	$\pm 1\%$	75mA	■	■	■
10 x 1k $\Omega$	$\pm 1\%$	25mA	■	■	■
10 x 10k $\Omega$	$\pm 1\%$	7.5mA	■	■	■
10 x 100k $\Omega$	$\pm 1\%$	3.5mA	■	■	■
10 x 1M $\Omega$	$\pm 1\%$	0.5mA	■		■
10 x 10M $\Omega$	$\pm 1\%$	0.18mA			■



#### Dimensions

190mm x 140mm x 70mm (W H D) approx

#### Mass

0.49kg

#### Resistors

Metal film 0.6W at 70 °C  
Temperature coefficient  $\pm 100$  p.p.m. / °C

#### Switches

Silver plated brass Contact resistance = 10 milli ohm, positive click mechanism. Insulation Resistance >50,000 Mega ohms

#### Residual Resistance

< 0.01 ohm

#### Case

High impact polystyrene

