

RM6-N

Space saving, compact and 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 1Ω to $111,111M\Omega$. An additional $1k\Omega$ resistor is available at the terminals enabling the user to make a simple divider. The RM6-N incorporates 0.4 watt resistors with a specified accuracy of $\pm 1\%$.

Designed for durability and ease of maintenance, the case is high impact polystyrene and the size is only $190 \times 140 \times 70\text{mm}$. 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.

Technical Specifications

| Decade | Accuracy | Maximum Current | RM6-N | RM6-N2 | RM6-N3 |
|------------------------|-----------|-----------------|-------|--------|--------|
| $10 \times 1\Omega$ | $\pm 1\%$ | 600mA | | ✓ | |
| $10 \times 10\Omega$ | $\pm 1\%$ | 200mA | ✓ | ✓ | |
| $10 \times 100\Omega$ | $\pm 1\%$ | 60mA | ✓ | ✓ | ✓ |
| $10 \times 1k\Omega$ | $\pm 1\%$ | 20mA | ✓ | ✓ | ✓ |
| $10 \times 10k\Omega$ | $\pm 1\%$ | 6mA | ✓ | ✓ | ✓ |
| $10 \times 100k\Omega$ | $\pm 1\%$ | 2mA | ✓ | ✓ | ✓ |
| $10 \times 1M\Omega$ | $\pm 1\%$ | 0.6mA | ✓ | | ✓ |
| $10 \times 10M\Omega$ | $\pm 1\%$ | 0.2mA | | | ✓ |

Maximum Continuous Working Voltage
70VDC, 33Vrms

Resistors
Metal film 0.4W at 70°C
Temperature coefficient $\pm 100\text{ppm}/^\circ\text{C}$
Except 1Ω : $\pm 200\text{ppm}/^\circ\text{C}$

Switches
Silver plated brass contact resistance = $10m\Omega$, positive click mechanism.
Insulation resistance $>50,000M\Omega$

Residual Resistance
 $< 0.1\Omega$

Key Features

- 6 decades
- Range 10Ω to $10M\Omega$
- Accuracy 1%
- Low cost

Ideal For

- Engineering departments
- Laboratories/workshops
- Calibration houses

General Specifications

Dimensions

$190 \times 140 \times 70\text{mm}$ / $7.5 \times 5.5 \times 2.8''$
(w x h x d) approx

Mass

0.49kg / 1lbs

Case

High impact polystyrene

Services

1 year warranty (subject to product registration with Seaward. Visit www.seaward.co.uk/register-product)

Service and calibration by Calibrationhouse. Go to www.calibrationhouse.com for more information.

Part Numbers

| | |
|--------|--------|
| RM6-N | 930154 |
| RM6-N2 | 930155 |
| RM6-N3 | 930156 |





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.