



## 1065 Power Resistance Box

- 0.1Ω to 120kΩ
- 10W dissipation
- In-line readout
- Mechanically and electrically robust
- Fully screened



### Introduction

The 1065 Power Decade Resistance Box is designed to meet the standard required for educational, industrial and research & design applications.

Housed in a well ventilated, all metal case, its compact construction make it easily transportable and when in use, it takes up a minimum of bench space.

Resistance ranges from 0.1Ω to 120kΩ with a typical 1% accuracy. Each resistor has a power rating of 10W and the maximum working voltage is 500V.

Switch contact resistance has been kept to a minimum by the use of multi-wafer switches, each with four parallel, silver plated, self-wiping contacts. The six in-line dials give a clear numerical readout of the selected resistance.

### Specification

<b>Resistance Range:</b>	0.1Ω to 120 kΩ
<b>No. of Decades:</b>	6
<b>Increment:</b>	0.1Ω steps
<b>Accuracy:</b>	0.1Ω decade – ±5% 1Ω – 120kΩ decades – ±1%
<b>Rating:</b>	Each resistor is rated at 10W
<b>Temperature Coefficient:</b>	100 ppm per °C
<b>Maximum Voltage:</b>	500 V DC
<b>Residual Resistance:</b>	20mΩ
<b>Dimensions:</b>	390 x 60 x 150 mm
<b>Weight:</b>	2 kg
<b>Optional Extras:</b>	<b>Calibration Certificate</b> traceable to N.P.L.

### Ordering Information

Description	Order Code
Power Resistance Box	<b>1065</b>
N.P.L. Traceable Calibration Certificate	<b>9161</b>
UKAS Calibration Certificate	<b>9114</b>



**Time Electronics Limited**, Botany Industrial Estate, Tonbridge, Kent, TN9 1RH  
 Telephone: 01732 355993 Fax: 01732 770312  
 E-mail: mail@TimeElectronics.co.uk Web page: www.TimeElectronics.co.uk