



Time Electronics

1065 Power Resistance Decade Box



- **0.1Ω to 120kΩ**
- **1% accuracy**
- **10W per resistor dissipation**
- **500V maximum working voltage**
- **In-line readout**
- **Mechanically and electrically robust**
- **Fully screened**
- **Ideal for industry or education**

DESCRIPTION

A power resistance decade box designed to meet the standard for industrial use and technical education purposes. Housed in a robust ventilated case, the 1065 can withstand arduous use whilst maintaining accuracy and reliability. The slim line design means it takes up minimum bench space and is easily transportable. The high dissipation of 10 watt per resistor make the 1065 suitable for power electronics applications, and the 500V maximum working voltage is ideal for select-on-test use in high voltage circuits.

Resistance is selected by dialling the value required using the 6 large rotary switches. This enables precise setting with a clear unambiguous indication. Switch contact resistance has been kept to a minimum by the use of multi-wafer switches, each with four parallel, silver-plated, self-cleaning contacts.

SPECIFICATIONS

Range / Resolution	0 to 120kΩ / 0.1Ω steps
Number of Decades	6
Accuracy	0.1Ω decade, $\pm 5\%$ 1Ω to 120kΩ decades, $\pm 1\%$
Residual Resistance	Less than 20mΩ
Power Rating	10 watt per resistor
Voltage Rating	Maximum 500V DC/AC RMS
Temperature Coefficient	200ppm/°C
Dimensions / Weight	W390 x H80 x D150mm / 2kg

ORDERING INFORMATION

1065	Power Resistance Decade Box
C161	Factory Calibration Certificate (NPL)
C114	UKAS Calibration Certificate (ISO 17025)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.