DECADE RESISTANCE BOXES

Specifications

• The assembly is mounted on the front panel which fits into a 19" standard subrack.
• Mounting plate dimensions:
  - DR04: H = 2U (U = 44.45 mm) - L = 84F (F = 5.08 mm)
  - DR05, 06, 07: H = 2U (U = 44.5 mm) - L = 84F (F = 5.08 mm)
• Safety: Complies with EN 61010-1, DR04-07, overvoltage category I, pollution degree 1.
  - DR08, overvoltage category III, pollution degree 1.
• Max voltage:
  - DR04-07, 150V AC/DC (reinforced insulation).
  - 250V AC/DC with earth connected to safety earth socket (single insulation).
  - DR08, 300V AC/DC (reinforced insulation)
• Presentation: aluminium mounting plate, screen-printed satin epoxy finish, metal case, epoxy finish.

• The DR04-07 boxes use metal film resistors offering 0.5% accuracy and a temperature coefficient of 50 ppm/°C.
• The DR08 box use thick film resistors offering 1% accuracy and a temperature coefficient of 100 ppm/°C
• Output of each decade on 4mm safety socket.
• Screen outputs (front panel and case) on safety earth socket.
• Robust switches with metal frame and gold-plated contacts. (R < 6mΩ and R < 9mΩ for DR08).
• Max power rating: 0.5 W.

Type | Weight Kg | Decades | Multiplier in Ohms | Totale Resistance |
--- | --- | --- | --- | --- |
| | | 0.1 | 1 | 10 | 100 | 1K | 10K | 100K | 1M |
DR04 | 1 | 4 | • | • | • | • | • | 11,110 KΩ |
DR05 | 1.4 | 5 | • | • | • | • | • | 111,110 KΩ |
DR06 | 1.44 | 6 | • | • | • | • | • | 1 111,110 KΩ |
DR07 | 1.52 | 7 | • | • | • | • | • | 11,111 110 MΩ |
DR08 | 1.4 | 8 | • | • | • | • | • | 11,111 111 MΩ |
Accuracy % | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
Max current | 2.3A | 700 mA | 200mA | 70mA | 20mA | 7mA | 2 mA |

• The assembly is mounted on the front panel which fits into a 19" standard subrack.
• Mounting plate dimensions:

ROBUST: Metal case, epoxy finish.
PRECISE: Good long-term stability.
EASY: front panel.
- Intermediate tap at each decade.

ROBUSTS RESISTANCE from
0.1 Ohm to
11,111 111 M0hms

EAN CODE : 3760244880406 (DR04)