



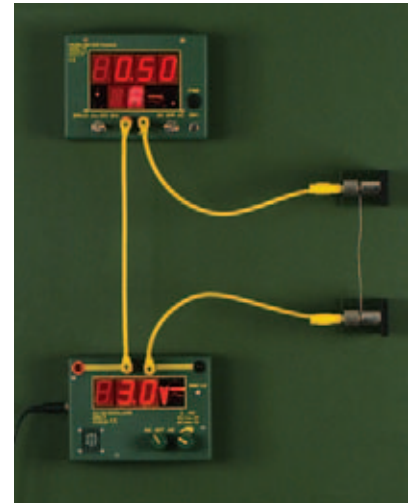
resistors



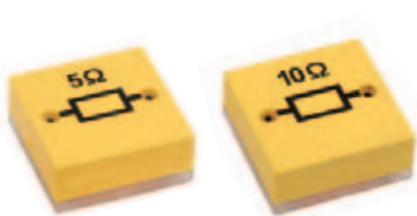
Resistance wires

For investigating the relationship between resistance and type of material, length and cross-section area

- DE330-1A Constantan wire, D=0.2 mm, L=30 m
- DE330-1B Constantan wire, D=0.2 mm, L=15 m
- P3314-1A Fuse wire, D=0.1 mm, L=50 m
- DE330-1C Iron wire, D=0.2 mm, L=30 m
- DE330-1D Copper wire, D=0.2 mm, L=30 m



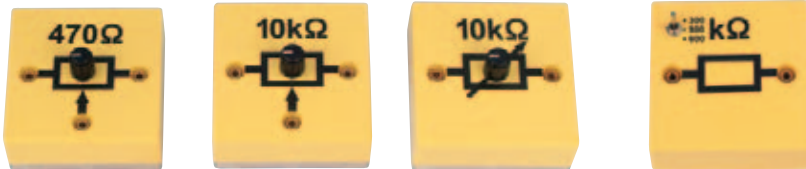
Experiment: Ohm's law ("inno" system) - magnetic panel assembly



Precision resistors - magnetic "compact" module system (MBC)

Yellow ABS plastic case; 10 W load capacity; tolerance: $\pm 0.2\%$; two 4-mm safety jacks; dimensions: 84x84x39 mm

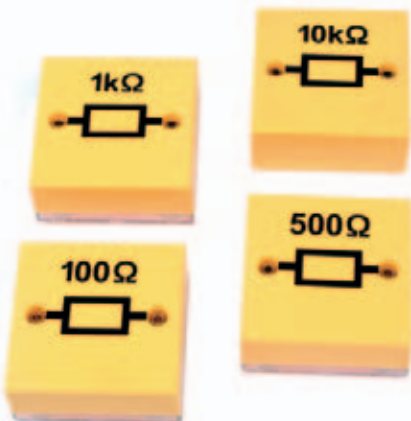
- MB200-1W Precision resistor, 5 ohms
- MB200-2W MBC Precision resistor, 10 ohms



Resistors - magnetic "compact" module system (MBC)

Yellow ABS plastic case; 2 W load capacity; tolerance: $\pm 5\%$; two 4-mm safety jacks Dimensions: 84x84x39 mm

- P3710-3G MBC Resistor 100 ohms
- P3710-3M MBC Resistor 500 ohms
- P3710-3O MBC Resistor 1 kOhm
- P3710-3R MBC Resistor 10 kOhms
- P3710-3S MBC Resistor 47 kOhms (not shown)
- P3710-3K MBC Resistance decade 300, 600, 900 kOhms
- P3710-5A MBC Variable resistor 10 kOhms, 4 W
- P3710-5H MBC Potentiometer 10 kOhms, 4 W
- P3710-5F MBC Potentiometer 470 ohms, 4 W



Experiment: Resistors wired in series ("compact" system) - magnetic panel assembly



DE825-1R Resistance decade "demo"

Very durable and easy-to-use resistance decade; any resistance can be set in increments of 1 ohm using the sliding switch
 Range of settings: 1 ... 11,111,110 ohms, in 1-ohm increments
 Accuracy: 1 %; Power: 0.3 W; max. voltage: 250 V AC/DC
 Output is provided by two 4-mm device sockets; one grounding socket
 Dimensions: 147x117x33 mm; weight: 320 g



Experiment: Wheatstone bridge circuit ("inno" system) - magnetic panel assembly

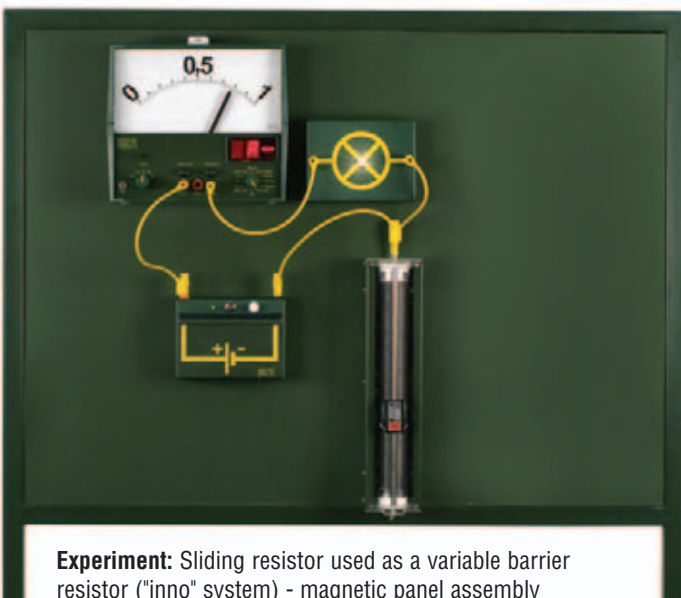


DE712-1B Electricity - E2, "inno" resistors, set

consisting of:

Eight magnetic "inno" modules (MBI), green ABS plastic case; layer resistors, $\pm 5\%$ tolerance, 2 W load capacity
Dimensions: approx. 160x120x45 mm

- DE720-4W 1 MBI Resistor 100 ohms, 2W
- DE720-5W 1 MBI Resistor 500 ohms, 2W
- DE720-6W 1 MBI Resistor 1 kOhm, 2W
- DE720-7W 1 MBI Resistor 10 kOhms, 2W
- DE720-3W 1 MBI Decade resistance 300, 600, 900 kOhms, 2W
- DE720-8W 1 MBI Variable resistor 10 kOhms, 4 W
- DE720-9W 1 MBI Potentiometer 470 ohms, 4 W
- DE732-3T 1 MBI Lead, t-shaped
- P7810-1E 1 Box insert MBI
- P7806-1B 1 Storage box, large



Experiment: Sliding resistor used as a variable barrier resistor ("inno" system) - magnetic panel assembly

DE720-1S Sliding resistor "inno"

Sliding resistor for demonstration purposes with an open housing, allowing easy observation of the position of the slider along the resistance coil; 12 strong neodymium magnets built into the underside allow the device to be mounted magnetically on a metal panel; resistance: 3.5 ohms; load capacity: 8 A, 10 A briefly; voltage: max. 42 V
Length: approx. 370 mm

