KBU...D – Cable conversion differential current transformer / residual current transformer (type A)

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Current transformer with divisible measuring core for detecting residual currents. The separable measuring system enables simple retrofitting in present systems with minimal installation effort.

The locking mechanism of the transformer is opened, placed around the primary conductor, and audibly clicked back into place for installation. The measuring system is immediately ready for operation once the secondary cables have been connected.

- Simple and cost-effective assembly
- Practical locking system: No need to cut open and disconnect the primary conductors
- Available in various dimensions
- Suitable for a wide range of universal measurement devices

Technical specification

Type of construction	Low-voltage differential current transformer
Housing material	Polycarbonate, grey RAL 7035
Max. voltage for electrical equipment	Um < = 0.72 kV
Insulation test voltage	3 kV rms; 50 Hz; 1 min
Rated frequency	50 Hz
Secondary connections	Brass profile, nickel-plated, max. 4.0 mm^2
Nominal ratio Ipn /Isn	10 / 0.0167 A
Operating frequency range	30 ... 1000 Hz
Secondary encumbrance	100 ... 180 Ohm
Operating temperature range	-5 ... 45 °C
Max. temperature of the primary conductor	90 °C

Type	Translation ratio	Max. primary differential current [mA]	Rail	Round conductor	Dimensions (W x H x D)	Item number
KBU 23D	600/1	18000	20 x 30 mm	20 mm	93 x 106 x 58 mm	03.23.0600
KBU 58D	600/1	18000	50 x 80 mm	50 mm	125 x 152 x 58 mm	03.58.0600
KBU 812D	600/1	18000	80 x 120 mm	80 mm	155 x 198 x 58 mm	03.81.2600