

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

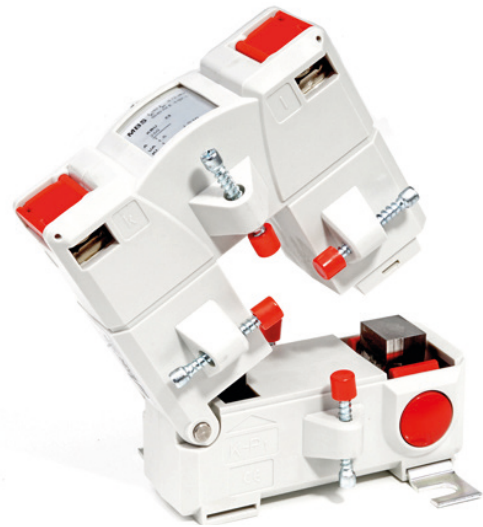
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Transformer with separable measuring core for recording residual currents. The separable measurement system enables simple, subsequent installation in existing systems, with minimal assembly effort.

For installation, the locking mechanism of the transformer is opened, the transformer is placed around the primary conductor and audibly engaged again. After connecting the secondary lines, the measuring set-up is immediately ready for operation.

- Simple and inexpensive installation
- Practical locking system: No need to cut and disconnect the primary conductors
- Available in various dimensions
- Suitable for a wide range of measuring devices



Technical specifications

Design	Low-voltage differential transformers
Housing material	Polycarbonate, grey RAL 7035
Max. voltage for electrical operating equipment	$U_m <= 0.72 \text{ kV}$
Insulation test voltage	3 kV Ueff.; 50 Hz; 1 min
Rated frequency	50 Hz
Secondary connections	Brass profile, nickel-plated, max. 4.0 mm ²
Nominal transmission ratio I_{pn} / I_{sn}	10 / 0.0167 A
Working frequency range	30 ... 1000 Hz
Secondary load	100 ... 180 Ohm
Operating temperature range	-5 ... 45 °C
Max. temperature of the primary conductor	90 °C

Type	Power range	Transmission ratio	Max. primary differential current [mA]	Rail	Round conductor	Dimensions (W x H x D)	Item number
KBU 23D	100 ... 400 A	600/1	18000	20 x 30 mm	20 mm	93 x 106 x 58 mm	03.23.0600
KBU 58D	250 ... 1000 A	600/1	18000	50 x 80 mm	50 mm	125 x 152 x 58 mm	03.58.0600
KBU 812D	250 ... 1500 A	600/1	18000	80 x 120 mm	80 mm	155 x 198 x 58 mm	03.81.2600