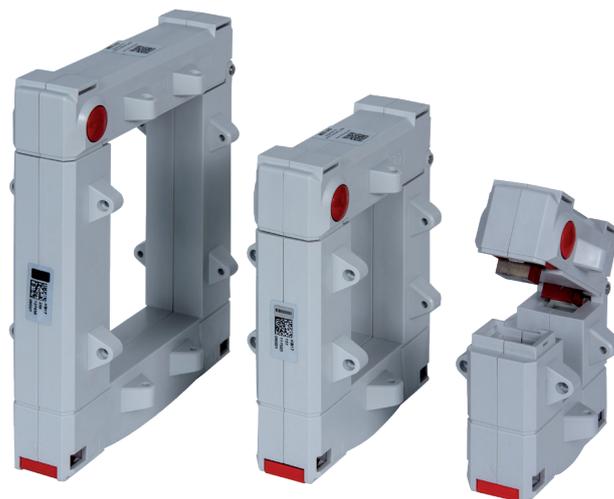


Residual current transformer type A of the "KBU" series for residual current detection in earthed AC networks

Description

Thanks to their compact design, easy installation and splittable core halves, split-core residual current transformers of the "KBU" series type A are ideal for use in hard to reach and limited space applications. Wherever an interruption of the current path is problematic or a measuring device has to be easily retrofitted, these transformers are the right choice. They capture very small currents. In conjunction with our device variants SINEAX DM5000, AMx000, CENTRAX CUx000 and LINAX PQx000, they can be used for residual and fault current monitoring of machines and plants.



Properties

- Highly sensitive current sensor for detecting smallest fault currents
- Manipulation protection of the connections by means of sealable covers
- Ideal for retrofitting in existing systems without interrupting the power supply
- Flexible use due to a large frequency range
- Easy and quick mounting thanks to the splittable core halves

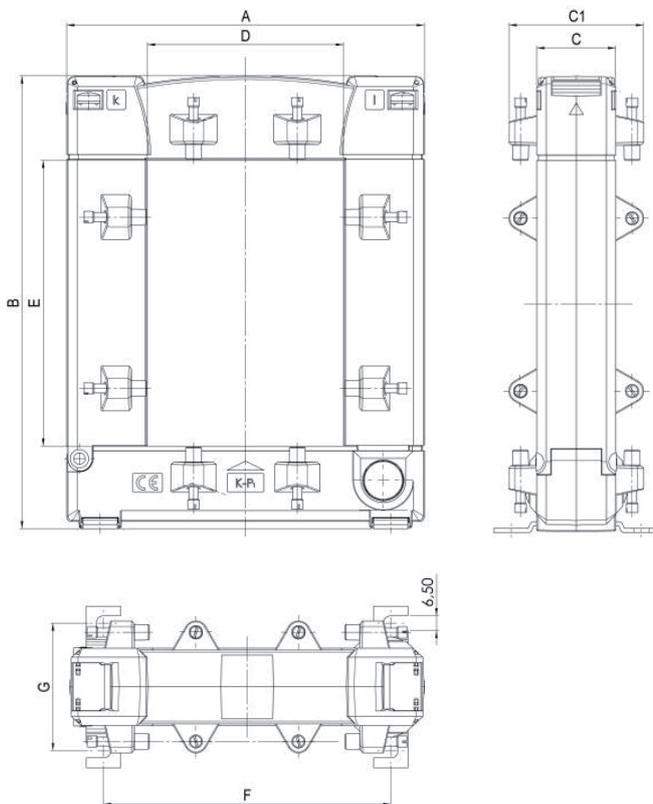
Technical Data

	KBU23D	KBU58D	KBU812D
Primary conductor opening	20 x 30 mm	50 x 80 mm	80 x 120 mm
Width / Height / Depth	93 / 106 / 34(58) mm	125 / 158 / 34(58) mm	155 / 198 / 34(58) mm
Primary rated current I_{pn}	10 A		
Secondary rated current I_{sn}	0.0167 A		
Ratio	1:600		
Rated burden	180 Ω		
Accuracy class	1		
Thermal rated short-time current I_{th}	60 x I_{pn} / 1 s		
Secondary rated apparent power	0.05 VA		
Nominal frequency	50 Hz		
Operating frequency	30 Hz ... 1 kHz		
Rated insulation level U_m	0.72 kV		
Insulation class	E		
Test voltage	3 kV; 50 Hz; 1 min.		
Housing protection class	Housing: IP40; Terminal: IP20		

Residual current transformer type A of the "KBU" series for residual current detection in earthed AC networks

	KBU23D	KBU58D	KBU812D
Housing material	Polycarbonate; RAL 7035; gray		
Flammability class	UL94 V-0, self-extinguishing, non-dripping, halogen-free		
Weight	approx. 850 g	approx. 1080 g	approx. 1400 g
Operating temperature	-5 °C ... +45 °C		
Storage temperature	-25 °C ... +70 °C		
Applied standards	IEC 61869-1; IEC 61869-2;		
Article-No.	181272	181280	181298

Dimensions



Type	A (width) [mm]	B (height) [mm]	C / C1 (depth) [mm]	D [mm]	E [mm]	F [mm]	G [mm]
KBU 23 D	93	106	34 / 58	23	33	64	56
KBU 58 D	125	158	34 / 58	55	85	96	56
KBU 812 D	155	198	34 / 58	85	125	126	56

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