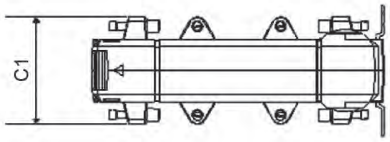
Split-core residual current transformers

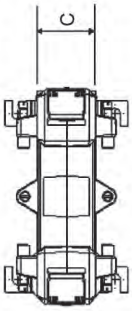
Handy and compact

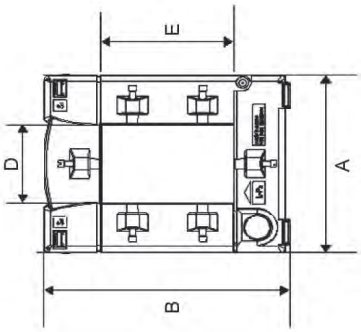
- Simple and economical installation, especially for retrofit
- Practical locking system: Separating of primary cable not required
- Available in various different sizes
- No interruption of operations
- Suitable for UMG 96RM-E, UMG 96RM-PN, UMG 20CM, UMG 509-PRO and UMG 512-PRO

Dimension diagrams

All dimensions in mm







Technical data

Technical data	
General	
Construction style	Conductor low voltage residual current transformer
Housing material	Polycarbonate, grey RAL 7035
Max. voltage for electrical equipment	Um < = 0.72 kV
Insulation test voltage	3 kV Ueff.; 50 Hz; 1 min
Rated frequency	50 Hz
Secondary connection	Brass profile, nickel plated, max. 4.0 mm²
Nominal ratio Ipn / Isn	10 / 0.0167 A
Working frequency range	30 ... 1000 Hz
Secondary rated apparent power	0.05 VA
Ambient temperature range	-5 ... +45 °C
Max. temperature of the primary conductor	90 °C

Advice:
In case that the residual current converters of series KBU are used in connection with UMG 20CM, the measuring range of UMG 20CM can be raised from 900 mA or 1 A to 14 A or 15 A by use of a burden with item no. 15.03.086.

Differential current transformer type A									
Type	Transformation ratio	Max. primary residual current in mA*1	Dimensions in mm					Weight (kg)	Item no.
			A	B	C / C1	D	E		
KBU 23D*2	600/1	18000	93	106	34/58	20	30	0.7	**15.03.400**
KBU 58D*2	600/1	18000	125	158	34/58	50	80	1.1	**15.03.401**
KBU 812D*2	600/1	18000	155	198	34/58	85	125	1.4	**15.03.402**
Accessories									
Burden (3,9 Ω) with 1.5 m ready-made connection cable and spring type terminal adapter									**15.03.086**

*1 When using the analogue inputs of the UMG 96RM-E, UMG 96RM-PN, UMG 509-PRO and UMG 512-PRO.
*2 If the Differential current transformer of the series KBU is in use with the UMG 20CM, the measuring range of the UMG 20CM can be stepped up also higher from 900 mA to 14 A and from 1 to 15 A by integrating a burden, item no. 15.03.086.