

Split-core operating current transformers up to 600 A

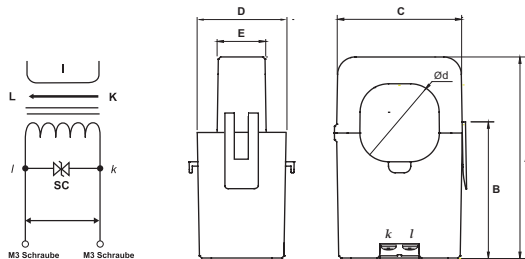
Fast installation – reliable measurement

- Snap-in technology make installation in existing equipment easier
- Secure latching in place
- High number of secondary windings
- Small size, low weight
- Suitable for UMG 20CM



Dimension diagrams

All dimensions in mm



Technical data

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Type	SC-CT-20-100	SC-CT-20-200	SC-CT-20-300	SC-CT-20-400	SC-CT-20-500	SC-CT-20-600
Current ratio	120 A / 40 mA	200 A / 66,6 mA	300 A / 100 mA	400 A / 100 mA	500 A / 100 mA	600 A / 100 mA
Current range (50/60 Hz)	0,01 ... 100 A (RL = 10 Ohm)	0,01 ... 200 A (RL = 10 Ohm)	0,1 ... 300 A (RL = 10 Ohm)	0,01 ... 400 A (RL = 5 Ohm)	0,01 ... 500 A (RL = 5 Ohm)	0,01 ... 600 A (RL = 5 Ohm)
Position of installation	Indoor usage (any mounting position)					
Ambient temperature	-20 ... +50 °C			-20 ... +55 °C		
Storage temperature	-30 ... +90 °C, rel. humidity <85 % (no condensation)					

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Type	Operating mode	Max. operating current in A	Transformation ratio	Max. primary conductor diameter in mm	Class	Dimensions in mm					Weight (kg)	Item no.
						A	B	C	D	E		
SC-CT-20-100	Operating current measurement* ¹	100	3000/1	16	1	55	41	29.5	31	19	ca. 0.075	15.03.093
SC-CT-20-200	Operating current measurement* ¹	200	3000/1	24	1	74.5	52	45	34	22	ca. 0.2	15.03.094
SC-CT-20-300	Operating current measurement* ¹	300	3000/1	24	1	74.5	52	45	34	22	ca. 0.2	15.03.095
SC-CT-20-400	Operating current measurement* ¹	400	4000/1	36	0.5	91.4	57.0	57.1	40.2	21.1	ca. 0.3	15.03.097
SC-CT-20-500	Operating current measurement* ¹	500	5000/1	36	0.5	91.4	57.0	57.1	40.2	21.1	ca. 0.3	15.03.099
SC-CT-20-600	Operating current measurement* ¹	600	6000/1	36	0.5	91.4	57.0	57.1	40.2	21.1	ca. 0.3	15.03.101

Single accessory (burden is included the scope of the transformer delivery)		
Burden (2.2 Ω) for operating current transformer SC-CT-20-100 with 1.5 m ready-made connection cable and spring type terminal adapter		15.03.087
Burden (1.1 Ω) for operating current transformer SC-CT-20-200 with 1.5 m ready-made connection cable and spring type terminal adapter		15.03.088
Burden (0.8 Ω) for operating current transformer SC-CT-20-300/400/500/600 with 1.5 m ready-made connection cable and spring type terminal adapter		15.03.085

*¹ Incl. ready-made connection cable; 1.5 m with burden and spring type terminal adapter for operating current measurement