



The CTB range with "cage clamp ®" termination (*unaffected by vibration and shock*) offers a higher maximum operating voltage ($U_m < 1,2 \text{ kV}$) and increased isolation test voltage ($6 \text{ kV } U_{\text{eff}}, 1 \text{ min.}, 50 \text{ Hz}$) as well as increased ambient temperature range ($-5 \text{ °C} < T < +50 \text{ °C}$).

General specifications

- Nominal thermal current I_{ctth} : 1.2 x I_n (*continuous*)
- Therm. nominal short-time current I_{ctsh} : 60 x I_n , 1 sec.
- Maximum operating voltage U_m : 1.2 kV
- Isolation test voltage: 6 kV, U_{eff} , 50 Hz, 1 min.
- Nominal rated frequency: 50 Hz
- Isolation class: E
- UL-zertifiziert - Certificate Number - 20100426-E336996, DIN EN 61869 part 1+2

type	ratio	Ø round conductor	description	class	VA	dimensions (mm) (H) (W) (D)		
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Current transformers with screwless connection technology

CTB 31.35 current transformers 5A secondary class 1

Primary bar conductor: 30 x 10 / 25 x 12 / 20 x 20 mm

50-0002	100/5A	25.7 mm	std current transformer	1	2.5	81	60	52
50-0004	150/5A	25.7 mm	std current transformer	1	5	81	60	52
50-0005	200/5A	25.7 mm	std current transformer	1	5	81	60	52
50-0006	250/5A	25.7 mm	std current transformer	1	5	81	60	52
50-0008	300/5A	25.7 mm	std current transformer	1	10	81	60	52
50-0010	400/5A	25.7 mm	std current transformer	1	10	81	60	52
50-0012	500/5A	25.7 mm	std current transformer	1	10	81	60	52
50-0014	600/5A	25.7 mm	std current transformer	1	10	81	60	52

CTB 41.35 current transformers 5A secondary class 1

Primary bar conductor: 40 x 10 / 30 x 15 mm

50-0058	400/5A	31.8 mm	std current transformer	1	5	91	70	52
50-0060	500/5A	31.8 mm	std current transformer	1	10	91	70	52
50-0062	600/5A	31.8 mm	std current transformer	1	10	91	70	52
50-0064	750/5A	31.8 mm	std current transformer	1	10	91	70	52
50-0066	800/5A	31.8 mm	std current transformer	1	10	91	70	52
50-0068	1000/5A	31.8 mm	std current transformer	1	10	91	70	52

CTB 51.35 current transformers 5A secondary class 1

Primary bar conductor: 50 x 10 / 40 x 30 mm

50-0113	750/5A	43.7 mm	std current transformer	1	10	105	85	52
50-0115	800/5A	43.7 mm	std current transformer	1	10	105	85	52
50-0117	1000/5A	43.7 mm	std current transformer	1	10	105	85	52
50-0119	1250/5A	43.7 mm	std current transformer	1	10	105	85	52

CTB 61.35 current transformers 5A secondary class 1

Primary bar conductor: 63 x 10 / 50 x 30 mm

50-0159	800/5A	43.7 mm	std current transformer	1	10	115	95	52
50-0161	1000/5A	43.7 mm	std current transformer	1	10	115	95	52
50-0163	1250/5A	43.7 mm	std current transformer	1	10	115	95	52
50-0167	1600/5A	43.7 mm	std current transformer	1	10	115	95	52

CTB 81.35 current transformers 5A secondary class 1

Primary bar conductor: 80 x 10 / 60 x 30 mm

50-0198	1000/5A	54.7 mm	std current transformer	1	10	135	120	52
50-0200	1250/5A	54.7 mm	std current transformer	1	10	135	120	52
50-0204	1600/5A	54.7 mm	std current transformer	1	10	135	120	52
50-0206	2000/5A	54.7 mm	std current transformer	1	10	135	120	52

CTB 101.35 current transformers 5A secondary class 1

Primary bar conductor: 100 x 10 / 80 x 30 mm

50-0240	1250/5A	70 mm	std current transformer	1	10	147	130	52
50-0244	1600/5A	70 mm	std current transformer	1	15	147	130	52
50-0246	2000/5A	70 mm	std current transformer	1	15	147	130	52
50-0248	2500/5A	70 mm	std current transformer	1	15	147	130	52

Accessories for above CTB current transformers

55015	DIN rail mounting adaptor for current transformers	CTB 31+41
55021	quick fix quick action busbar fastening support clip	all CTs



CTB 31.35



CTB 41.35



CTB 61.35



CTB 81.35



CTB 101.35