

Primary Current Transformers

Minimum Nominal Operating Voltage	Nominal Operating Voltage of Motor		
Minimum Rated Primary Current I_{1n}	Nominal Operating Current of Motor		
Rated Secondary Current [A]	825-MCM2	825-MCM5	825-MCM20
	1	25	5
Class and Nominal Overcurrent Protection	5P10 ext. 120% ❶		
Power Rating	According to power consumption in leads and measuring circuit.		
Rated Frequency	50/60 Hz		
Burden	825-MCM2	825-MCM5	825-MCM20
Power Consumption at Maximum Rated Current [VA/phase]	0.1	0.2	0.4
Continuous Thermal Current [A]	3	6	24
Thermal Current, 1 s Duration [A]	250	400	600
No Load	An open-circuit secondary is permitted, as the burden is provided in the converter module circuitry.		

❶ Designation according to IEC 60044 part 2:

5	Total Measurement Error (percentage):	± 5% within range up to rated nominal overcurrent ± 1% at rated nominal primary current
P	For Protection Purposes	
10	Rated Nominal Overcurrent Factor:	10X rated nominal primary current
ext. 120%	Extended Rated Thermal Current:	120% of rated nominal primary current (if I_e motor > 87% of rated nominal transformer current)

825-CBCT Core Balance Current Transformer

Ratio	100:1
Current Range	0.5...10 A
Continuous Thermal Current	0.5 A
Saturation Current	30 A
Thermal Current, 1 s Duration	25 A
Rated Burden at Maximum Rated Current	0.4 V A
Rated Frequency	50/60 Hz