

5.5.1 ELECTRICAL SPECIFICATIONS

Product Model		Cx03*	Cx06*	Cx10
Main Input Power	Voltage (VAC _{L-L}) Nominal ±10%	110 to 230		230
	115 VAC	1φ or 3φ		3φ only
	230 VAC	1φ or 3φ		3φ only
	Line Frequency	47-63		
	kVA at 115 VAC	0.44 (1φ) 0.6 (3φ)	0.89 (1φ) 1.1 (3φ)	2.4 (3φ only)
	kVA at 230 VAC	0.88 (1φ) 1.4 (3φ)	1.8 (1φ) 2.8 (3φ)	4.6 (3φ only)
	Continuous Current (amps)	6.2 (1φ) 4 (3φ)	10 (1φ) 7.8 (3φ)	13 (3φ only)
	Peak Current (amps) for 500 ms	18.6 (1φ) 12 (3φ)	30 (1φ) 23.4 (3φ)	26 (3φ only)
	Peak Current (amps) for 2 sec	12.4 (1φ) 8 (3φ)	20 (1φ) 15.6 (3φ)	26 (3φ only)
	Line Fuses (FRN-R, LPN, or equiv.)	10	15	15
Logic Input Power Cxxx26x Models ONLY	+24 VDC Ext. Logic Voltage (volts)	22 to 27		
	+24 VDC Ext. Logic Current (amps sink)	1.5		
	+24 VDC Ext. Logic Current (amps max surge)	2.6		
SoftStart	Max. Surge Current (amps)	30		
	Max. Charge Time (sec)	0.25		
Protection Functions	Fault Contact Rating (amps)	1		
	Fault Contact Closing Period (ms)	Close = 3 ms, Open = 2 ms		
	OverTemperature trip	80°C (176°F)		
Rated Main Output (Ma, Mb, Mc)	Cont. Power (KVA) at 115 VAC Line Input (45°C (113°F) Ambient)	0.35 (1φ) 0.55 (3φ)	0.7 (1φ) 1.1 (3φ)	1.8 (3φ)
	Cont. Power (KVA) at 230 VAC Line Input (45°C (113°F) Ambient)	0.7 (1φ) 1.1 (3φ)	1.4 (1φ) 2.2 (3φ)	3.5 (3φ)
	Cont. Current (Arms)	3	6	10
	Peak Current (Arms) for 500 mSec	9	18	20
	Peak Current (Arms) for 2 Sec	6	12	20
	PWM Frequency (kHz)	16	8	8
	PWM Motor Current Ripple (kHz)	32	16	16
	Form Factor (rms/avg)	≤1.01		
Protective Functions	UnderVoltage Trip (nominal)	90 VDC		
	OverVoltage Trip	430 VDC		
	OverTemperature Trip	80°C (176°F)		
	Internal heat dissipation (watts)	60	80	132
Environment	Operation temperature	5°C (41°F) to 45°C (113°F)		
	Storage temperature	0°C (32°F) to 70°C (158°F)		
	Ambient humidity	10% to 90%		
	Atmosphere	without corrosive gasses or dust		
	Altitude	Derate 5% per 1000 ft. (300m) above 3300 ft. (1000m)		
Vibration	0.5 g			
*NOTE: Model Numbers Cx0x200 are single phase only!				