

Product Specification

Refer to the Technical Reference Manual for Detailed Specification

Service Conditions

Load: 6-pulse variable torque rectifier only

Input voltage: 480 VAC +/- 10%, 60 ± 0.75 Hz, 3 phase

Input voltage line unbalance: 1% maximum

Maximum source impedance: 6.00%

Minimum source impedance: 1.5%

Service Factor: 1.00

Overload: 150 % for 1 minute duration with 10% output voltage reduction of nominal of voltage.

Ambient Temperature (Operating)

Enclosed Filters:	320A and Above: -40 to +45 degrees C
	Below 320A: -40 to +40 degrees C
Open Panel Filters:	-40 to +50 degrees C
Storage Temperature:	-40 to +70 degrees C

Altitude: 0 to 3300 Feet above sea level. Refer to figure 4 for altitude de-rating.

Relative Humidity: 0 to 95% non-condensing

Agency Approvals

UL and cUL listed to UL508 Type MX and CSA-C22.2 No 14-95
File E180243 (3 – 1000 HP, 120VAC through 600 VAC
50, 50/60, 60 Hz Three Phase

Notes (SCCR):

1. The Short Circuit Current Rating (SCCR) is not required under Exception No.1 of UL508A SB4.2.1 effective 4/25/06. This exception also applies to all the Contactor Options (002, 009, 012, and similar), where the Contactors are separated from the Main Power path by exempt components (such as Reactors) of sufficient Impedance, which is assured in case of the Reactors that are integral components of our Filter.

Performance

Total Harmonic Current Distortion:

8% MAX at 30% load, 5% MAX at FULL LOAD