



CERTIFICATION RECORD

The company named below has been authorized by CSA International to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No: 019310_0_000

Class No: 3211 37 INDUSTRIAL CONTROL EQUIPMENT - Sub-Assemblies Components

SUBMITTOR

4543883 GE Drives & Controls, Inc.
1501 Roanoke Blvd, Rm 291
Salem, VA 24153
USA

FACTORIES

4543883 GE Drives & Controls, Inc.
1501 Roanoke Blvd, Rm 291
Salem, VA 24153
USA

4861897 GE India Industrial private limited
Plot No. A - 78/1
Chakan Industrial Estate phase II
Vasuli village, Tal - Khed
Pune, 410501
India

October 25, 2018 (Replaces: January 14, 2014)

- PWM3, Motor Filter Assembly, type 173C9281G1 rated 2300VAC, 3A, 50/60 HZ, 3 phase.
- Capacitor Assembly, Type 173C9226BD-G01 through -G08, 173C9226SAG01, through G04, 173C9226MVG01 and G02, 246B9948DYG01 through G04, 246B9948ENG01 and G02, 173C853BYG01 and G02, 173C9274CTG01, 173C9226RLG01 and G02, 173C9226FZG01 and G02, 173C5050BDG01 and G07, 173C5050SAG01 and G02, 173C5050MVG01, 246B5050DYG01 and G02, 246B5050ENG01, 173C5050BYG01, 173C5050CTG01, 173C5050RLG01, 173C5050FZG01.
- Fan assembly, Types 173C9226AZ (6 fan type), 173C9226BU (4 fan type) and 173C9226BT (2 fan type) 173C9226GC (6 fan type), 173C9226GA (2 fan type), 173C9226LL (1 fan type), 173C9226QJ (1 fan type), 173C9249BC (6 fan type), 173C9226PJ, (2 fan type) Series (with suffixes). Nominal operating voltage 48V dc, 5.3-36W per fan, 60V dc max.
- EX2000 protection module, Type DS2020EXPMG2, open, nominal ratings, +/- 24V dc power, 638V dc signal.
- EX2000 Field Ground Fault Protection System including Field Ground Fault Protection Module Type DS3820NGDB, Attenuation Resistor Module Type 237B4328G1, fuses and fuseholders; open, Max nominal ratings are 115V/230V ac, 30VA, 750V dc signal to Attenuator module.
- EX2000 Control Power Supply System, Types DS2020EXPSG1 and DS2020EXPSG3, open, with external fuse

- and fuseholders, nominal ratings, 115V ac/125V dc, 450W.
- EX2000 De-excitation system , open, including CSA component accepted SCR heatsink assemblies type 246B2357BAG03 and 246B2357BAG04 along with optional de-excitation resistors and reactors. Maximum nominal ratings: 1) For 246B2357BAG03- 800A, 4200V continuous, 300K Amp² seconds; 2) For 246B2357G04- 1800A, 4200V continuous, 4,000K Amp-squared seconds.
 - EX2100, Line Filter Assemblies, open or closed, CSA Enclosure Type 1, Type 151X1207CD01SA01 rated 600V, 17.0A; 151X1207CD01SA02 rated 1000 V, 12.6A maximum nominal rating is 1000V and Type 151X1207CD01SA03, 600V, 17A Type rated 151X1207CD01SA04, 240V, 8.3A; open or enclosed, CSA Enclosure Type 1, Maximum nominal rating is 1000V.
 - EX2000 Field Flashing Modules, type 173C9115G01, 173C9115G02, DS2020FFMCG1, open, Used in 50.8cm (20 inch) by 90.4cm (36 inch) by 228.6cm (90 inch) or larger enclosure. Maximum nominal ratings are: DS2020FFMCG1- 27VAC input, 400ADC for 15 seconds output; 173C9115G01- 125VDC input, 375ADC for 15 seconds output; 173C9115G02- 250VDC input, 100ADC for 15 seconds output.
 - EX2100 Field Flashing Module, Type 151X1207CF02SA01, open, 125V dc, 375 ADC for 15 seconds output; Type DS2020FFMCG1, open 27V ac, 400 ADC for 15 seconds output; Type 151X1215CF02SA01, open, 125V dc, 375 ADC for 15 seconds output; Type 151X1215CF02SA02, open, 250V dc, 375 ADC for 15 seconds output; Type 151X1215CF02SA03, open, 27V ac input, 400 ADC for 15 seconds output, Type 151X1215CF02SA04, open, 125V dc, 225 ADC for 15 seconds output; Type 151X1215CF02SA05 open, 250V dc, 225 ADC for 15 seconds output; Type 151X1215CF02SA06, open, 27V ac input, 225 ADC for 15 seconds output; Type 151X1219CK10SA01 or 151X1219CK10SA02: 465A, 3600V, 196K Amp² seconds. Type 151X1207CK02SA12: 1850 A, 4400 V, 4800K Amp² seconds. Type 151X1207CK02SA14: rated 1850 A, 4400 V, 4800K Amp² seconds.
 - EX2000 and EX2100 Thyrite Assemblies, types DS2020EXTYG1, DS2020EXTYG2, open, nominal ratings are DS2020EXTYG01- 1200VDC, 180KW-sec discharge rating; DS2020EXTYG02- 600VDC, 360KW-sec discharge rating.
 - EX2000, Line Filter Assemblies open or enclosed, types 173C8434FBG01, G02 rated 600V, 11.2A; 173C8434FCG01, G02 rated 600V, 21A; 173C8434FEG01, G02 rated 1000V, 8.6A; 173C8434FFG01, G02 rated 1500V, 5.7A; 173C9189G2, rated 250V, 71W; open or enclosed, CSA Enclosure Type 1, Maximum nominal rating is 1500V.
 - EX2100 De-excitation system, open, including CSA component accepted SCR heatsink assemblies type 151X1207CK02SA01, 151X1207CK02SA02 and 151X1207CK02SA04 along with optional de-excitation resistors and reactors. Maximum nominal ratings: 800A, 4200V, 300K Amp² seconds and 1850A, 4400V, 4800K Amp² seconds, Type 151X1207CK02SA04: 1850A, 4400V, 4800K Amp² seconds.
 - EX2000 and EX2100 Shaft Voltage Suppression Module, types 173C9118G1, 173C9118G2, 173C9118G3, 173C9118G4, 173C9117G1 and 173C9117G2, 173C9117G3, and 173C9117G4 open or enclosed, CSA Enclosure Type 1, Maximum nominal ratings are: 173C9188G1, G2, G3 and G4 - 1200VAC at 50 Hz, 1100VAC at 60 Hz, 600VDC, 42.6 amps; 173C9117G1, G2, G3 and G4 - 633VAC, 50/60 Hz, 500VDC, 24.7A.
 - EX2100 Multibridge Shaft Voltage Suppressor Module, type 151X1215CG01SA01 and and 151X1215CG01SA02, enclosed, CSA enclosure type 1, raatings 1300 V ac, 50/60Hz, 750V dc, 69.5A.
 - EX2000, AC Suppression Modules, CSA Enclosure Type 1, types 173C8434CC-G07A rated 1500VAC, 173C8434CC-G10A rated 1000 VAC; 173C8434CC-G15A rated 700VAC.
 - Innovation Series Control Rack consisting of a card rack assembly 173C8536AL, high frequency power supply PWA IS200HFPR, I/O terminal boards 173C9226GD and I/O interface card 323A5743AX.
 - Innovation Series DC(1SDC) drive control module, open type, consisting of a card rack assembly 151X1209AS002AS Types IS200ICCA, IS200ICIA, IS200ICBD, IS200ITBA, IS200IIDA and DS200 Series PCB's, rated: 460V ac, 3.6A max.

Note: Open type drive control modules are investigated for use only as components for innovation series CSA Certified drives.

