



# Certificate of Compliance

**Certificate:** 2235006

**Master Contract:** 229226

**Project:** 80054167

**Date Issued:** 2020-10-05

**Issued To:** Yaskawa America, Inc  
2121 Norman Dr S  
Waukegan, Illinois, 60085  
United States

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** *Khalil Ouldchama*  
Khalil Ouldchama, P. Eng.

"CSA B44.1/ASME A17.5"

## **PRODUCTS**

CLASS - C321116 - INDUSTRIAL CONTROL EQUIPMENT - Adjustable Speed Drives

CLASS - C241101 - ELEVATOR EQUIPMENT-Open and Enclosed Elevator Electrical Equipment

Variable Speed Drives for AC Motors, Series A1000, E1000, H1000, L1000, P1000 and T1000, models CIMR..., followed by A, E, H, L, P or T, followed by A through Z, followed by 2, 4 or 5, followed by A through Z (except for letter T), followed by XXXX, where XXXX is 0002 through 1200, followed by A, B, C, D, F, or U, followed by XX, where XX is AA through ZZ; enclosed.

Ratings:

Input: 200 to 240Vac, 3.9A to 471A, 50/60Hz; Output: 0-240V, 3.5A to 415A

Input: 380 to 480Vac, 2.1A to 1200A, 50/60Hz; Output: 0-480V, 2.1A to 1200A

Input: 500 to 600Vac, 3.6A to 263A, 50/60Hz; Output: 0-600V, 2.7A to 242A

Note: Motor overload Protection. The control software provides solid state overload motor protection, Class 20.



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**APPLICABLE REQUIREMENTS**

- |                                |   |  |
|--------------------------------|---|--|
| CAN/CSA-C22.2 No. 0-10         | - | General Requirements - Canadian Electrical Code, Part II |
| CSA B44.1-19 / ASME A17.5-2019 | - | Elevator and Escalator Electrical Equipment              |
| CSA-C22.2 No. 274-17           | - | Adjustable Speed Drives                                  |



## Supplement to Certificate of Compliance

Certificate: 2235006

Master Contract: 229226

*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

Project	Date	Description
80054167	2020-10-05	Addition of accepted alternate semiconductor fuse models FWH-1000B and FWH-1200B provided for some models CIMR..., according to CSA C22.2 No. 274-17 and CSA notice for Elevator Equipment No. 26, CSA B44.1-19/ASME A17.5-2019 Elevator and Escalator Electrical Equipment.
80004414	2019-06-06	Update of manufacturer name of input diodes model PD100KN16, addition of accepted alternate recognized diodes and addition of some correction due to the typo error in previous edition for series A1000.
70207961	2019-01-07	Addition of recognized alternate component for input diode module, SKKD101/16 and addition of new overall dimensions for Insulation barriers.
70184950	2018-07-31	Update to report 229226-2235006, Correction of part number and description of Fan - MC power supply board assembly (Fig.6) and addition of new part number for Switching power supply (SWPS) for model 2SK239, 2SK2488-A and 2SK3828 manufactured by RENESAS, N.E.C or Toshiba, with the same rating as accepted transistors (see Att3. for technical specification). Also to cover the update of overall dimensions of transformers (T1 & T2) for PWB designated as 6PCB as per CSA Notice for industrial control equipment No.58 and CSA Standard C22.2 no.274-17. Class 3211-06 is moved to new Class 3211-16.
70148435	2017-09-28	Update to report 2235006 to review the marking as per Notices 35 (FN13-067) and No.47 (FN15-104) in accordance with C22.2 No.274-13.
70132977	2017-07-07	Addition of accepted alternate (R/C) Terminal Block (TB1), model HP-T3118 and accepted (R/C) alternate connectors, Type H, Series XH, model B04B-XASK-1 and B08B-XASK-1. Report update as by CSA Certification Notice for Industrial Control Equipment No.47.
70037460	2015-07-20	Addition of PWB assemblies part number and alternate accepted recognize cooling fans. CSA Report 229226-2235006.



70009607	2014-09-26	General update of report 2235006 for alternative marking and on optional terminal card assembly relay and correction of product class from 3211-07 to 3211-06.
70003535	2014-05-26	Addition of alternate accepted PWB assemblies, general report update and Class 3211 37 migration, to the requirements of standard CSA-C22.2 No.14-13 and CSA-B44.1-10. Class 2411 02 and 3211 03. Report: 229226-2235006.
70003329	2014-02-11	Addition of alternate accepted components - driver board assembly and general report update. Report 229226-2235006.
2663076	2013-10-15	Addition of alternate accepted component Grommets, cooling fan, driver board assembly and general report update. Update report to CSA C22.2 14-13.
2562669	2012-12-18	Addition of P1000 Series, 600Vac models, addition of alternate Branch Circuit Protections, Terminal Blocks, DC Link Reactors and general report update, the requirements of Standards CSA C22.2-B44.1-11 / ASME A17.5-2011 and CAN/CSA-C22.2 No. 14-10.
2372447	2010-12-16	Addition of four A1000 Series, 600Vac models (5x0125, 5x0145, 5x0192 and 5x0242) and Report general update.
2342708	2010-09-13	Addition of models up to 1200A at 480Vac and 108A at 600Vac.
2235006	2010-02-18	New certification, series A1000, E1000, H1000, L1000, T1000. model CIMR-A (-E) (-H) (-L) (-T)