



Certificate of Compliance

Certificate: 2070322

Master Contract: 206573

Project: 80087914

Date Issued: 2021-11-29

Issued To: ABB OY Drives
Hiomotie 13,
Helsinki, Uusimaa, 00380
Finland

Attention: Tomi Nuorala

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

Issued by: *Tai Pham*
Tai Pham



PRODUCTS

CLASS - C321116 - INDUSTRIAL CONTROL EQUIPMENT - Adjustable Speed Drives

Part A

AC adjustable, open chassis, liquid cooled R7i or R8i frame size variable speed drives, constant torque Model ACS800, followed by -104LC followed by -0100, -0120, -0130, -0140, -0150, -0170, -0190, -0210, -0220, -0240, -0260, -0310, -0330, -0380, -0390, -0410, -0470, -0480, -0550, -0555 -0620, -0700, -0705 or -0730, followed by -3, -5 or -7. May be followed by any combination of +E205, +Q950, +Q967, +F272.

400Vac types (Inverter use): Input: 513 to 587Vdc, 212 to 1067A; Output: 3 ph, 0-415Vac, 176 to 889A, 90kW to 500kW. Short Circuit Rating - 100 kA rms symmetrical.

400Vac types (line converter use): Input: 3 phase, 380 to 415Vac, 144 to 756A, 48/63Hz; Output: 537-587Vdc, 102kW to 538kW. Short Circuit Rating - 100 kA rms symmetrical.

400Vac types (Brake chopper use): Input: 513 to 587Vdc, 390 to 1171A; Output: 3 x 0-587Vdc, 3 x 155A to 3x 465A, 250kW to 750kW. Short Circuit Rating - 100 kA rms symmetrical.



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500Vac types (Inverter use): Input: 513 to 707Vdc, 166 to 1008A; Output: 3 ph, 0-500Vac, 138 to 840A, 90kW to 560kW (100HP to 700HP). Short Circuit Rating - 100 kA rms symmetrical.

500Vac types (line converter use): Input: 3 phase, 380 to 500Vac, 126 to 720A, 48/63Hz; Output: 537-707Vdc, 153 to 873A, 108kW to 617kW. Short Circuit Rating - 100 kA rms symmetrical.

500Vac types (Brake chopper use): Input: 513 to 707Vdc, 390 to 1171A; Output: 3 x 0-707Vdc, 3 x 155A to 3x 465A, 310kW to 940kW. Short Circuit Rating - 100 kA rms symmetrical.

600Vac types (Inverter use): Input: 709 to 848Vdc, 99 to 700A; Output: 3 ph, 0-600Vac, 83 to 583A, 75kW to 560kW (75HP to 600HP). Short Circuit Rating - 100 kA rms symmetrical.

600Vac types (line converter use): Input: 3 phase, 525 to 600Vac, 96 to 480A, 48/63Hz; Output: 742-848Vdc, 116 to 582A, 114kW to 568kW. Short Circuit Rating - 100 kA rms symmetrical.

600Vac types (Brake chopper use): Input: 709 to 848Vdc, 390 to 1171A; Output: 3 x 0-848Vdc, 3 x 155A to 3x 465A, 430kW to 1300kW. Short Circuit Rating - 100 kA rms symmetrical.

Fuse switch controller, open type, Model ASFC-02C: Input: 115Vac/230 V AC, 50/60 Hz, 80mA/40 mA; Output: 115/230 Vac, max 2 A or 15Vdc, max 10 mA.

Notes:

1) The units may be used in parallel for general purpose industrial applications. They are open devices, which have incomplete enclosures and are intended for mounting in enclosures suitable for the application.

2) Motor overload Protection. The control software provides solid state overload motor protection, Class 20.

Part B

Accessory for use with ACS800 liquid cooled series drives; line filter Choke, Open Type Model ALCL; followed by -xxLC, where xx can be 03, 05, 12, 13, 14, 15, 24, 25, 35; followed by -5 or -7; followed by L1 or L2.

400Vac/500Vac types: 380 to 500Vac, 3 phases, 186 to 1482A.

600Vac types: 525 to 600Vac, 3 phases, 126 to 1397A.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 274-17

Adjustable Speed Drives

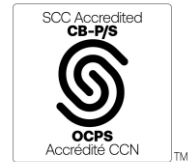


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Notes:

Products certified under Class C321116 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*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
80087914	2021-11-29	Update report 2070322 to add alternate components and description correction
80021885	2020-08-26	Update report 2070322 to notice No 58A, and report corrections and clarifications.
70065154	2016-03-18	Update to report 2070322 to conform to the IndCon. Bulletin 35 and 47.
2523356	2012-05-23	Addition of alternate semiconductor fuse and gate driver board AGDR-81C.
2249965	2009-12-23	Addition of ASTO Board, ACS800-104LC frame R7i, Line Filter Chokes, Power Supply Module, alternate Relays, Capacitors and Charging Contactors.
2070322	2009-02-18	New certification liquid cooled variable speed drive, model ACS800-104LC + line filter choke series ALCL.