





**Certificate:** 2278406

**Master Contract:** 224330

**Project:** 80156811

**Date Issued:** 03/30/2023

Cat. No. VFS15	50/60	200 to 240	0/599	2.2	0 to 240	1 for input 3 phase for output
	50/60	200/240	0/599	15	0 to 240	3
	50/60	380/480	0/599	15	0 to 480	3
	50/60	525/600	0/599	15	0 to 600	3

Designation may be followed by S; followed by 2 or 4 or 6; followed by 002, 004, 007, 015, 022, 037, 055, 075, 110, or 150; followed by P, may be followed by L or M; may be followed by 1 number, may be followed by W or CH; may be followed by 1 or 2 numbers; may be followed by 2 letters; may be followed by 1 or 2 numbers, may be followed by 1 letter. Motor Overload Protection. The control software provides overload motor protection, Class 10.

**Variable Speed Drives for AC Motors, open type**

Models	Input Frequency (Hz)	Input Voltage (VAC max)	Output Frequency (Hz)	Output Power (HP)	Output Voltage (VAC max)	Phase
Cat. No. ATV32	50/60	200 to 240	0/599	0.25 to 3	0 to 240	1 for input 3 phase for output
	50/60	380 to 500	0/599	0.5 to 20	0 to 480	3

Designation followed by H or P, followed by O or U, followed by 11, 15, 18, 22, 30, 37, 40, 55 or 75, followed by M2 or N4, may be followed by S, may be followed by three numbers. Motor Overload Protection. The control software provides overload motor protection, Class 10.

**Adjustable Speed Drives for AC Motors, Open type**

Models	Input Frequency (Hz)	Input Voltage (VAC max)	Output Frequency (Hz)	Output Power (HP)	Output Voltage (VAC max)	Phase
Cat. No. ATV32	50/60	200 to 240	0/599	0.25 to 3 (for ATV32 Series)	0 to 240	3
	50/60	380 to 500	0/599	0.5 to 20(for ATV32 Series)	0 to 500	3

Designation followed by H or P, followed by O or U, followed by 11, 15, 18, 22, 30, 37, 40, 55 or 75, followed by M2 or N4, followed by W or WS, may be followed by three numbers. Motor Overload Protection. The control software provides overload motor protection, Class 10

**Adjustable Speed Drives for AC Motors**

Models	Ambient Temp (°C)	Input Frequency (Hz)	Input Voltage (VAC)	Output Voltage (VAC)	Phase
Cat. No ATV320	40(for enclosed devices)	50/60	200/240	0 to 240	1 for input 3 for output
		50/60	380/480	0 to 480	3



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Designation followed by U or D, followed by two numbers, followed by M2 or M3 or N4, followed by W or WS, may be followed by three numbers.

For models rated up to 2.2kW: 0 – 599 Hz

For models rated up to 7.5kW: 0 – 599 Hz

Notes: Motor Overload Protection. The control software provides overload motor protection, Class 10



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**APPLICABLE REQUIREMENTS**

CSA C22.2 NO. 274-17 (Second Edition) (R2021) - Adjustable speed drives - Second Edition; Errata: April 2017



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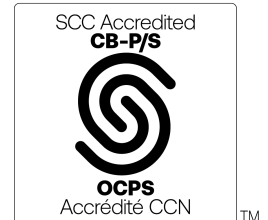
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**Notes:**

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](http://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
80156811	March 30, 2023	Update to the report to cover addition of reference number in marking to related to provided document with each product that is referring to the rating of standard or high rating of SCCR in accordance with marking section Clause 5. 21 & Cl. 5.28 of C22.2 No .274-17, Due to the lack of spacing in marking area in nameplate of each unit or product.
80121209	August 18, 2022	Update to report 2278406 to alternate components.
80071572	March 17, 2021	FIR follow-up, update of Report to address FC# 233895, FIR's dated Dec 15, 2020 & Mar 4, 2021. Also, addition of alternate part numbers and alternate components.
80064717	December 04, 2020	Update of report to cover addition of alternate recognized plastic material and alternate recognized braking transistor.
80013154	November 04, 2019	Update of report 224330-2278406 to cover addition of new options communication board (B&R Company) to ASD model ATV32.
80009330	September 03, 2019	Correction of Output voltage rating from 500V to 480V for 3 phases drives and addition of alternates recognized components.
70182306	May 09, 2018	Update report 224330-2278406 to cover correction off typo error in page 3.
70159004	December 21, 2017	Evolution descriptif ATV320 Update report 224330-2278406 to cover correction of SCR Value other references, Addition of new PN and transfer to class number C3211-16 as per CSA notice No. 58 in accordance with C22.2 No. 274-17. Update report 224330-2278406 to cover correction of SCR Value other references, Addition of new PN and transfer to class number C3211-16 as per CSA notice No. 58 in accordance with C22.2 No. 274-17.
70136804	July 20, 2017	Update to report 224330-2278406, Variable Speed Drives for AC Motors Cat. No. ATV32, to cover addition of accepted alternate power module STK534UC60A and IKCS17F60BB, alternate power Board Part No. NVE49157 for Model ATV320U02M2C and Alternate power module STK534UC90A for models ATV320U06M2C – ATV320U07M2C.



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70106695	February 03, 2017	Update report to cover addition of new model cat. No. ATV320 600V and VFS15 per CSA C22.2 No. 274-13.
70061088	February 26, 2016	Addition of new model to report 2278406. being optional with ATV32 Variable Speed Drives for AC Motors.
70029889	May 21, 2015	Addition of alternative connector type for PT03 (Phoenix Cat no PC 5/5- ST1-7.62) and REL04 relay for ATV32 series adjustable speed drives. Update applicable requirements to current applicable standard CSA C22.2 no.274-13.
2367083	December 09, 2010	Add alternate component: relays, connectors, fans, current transformers, alternate plastic.
2278406	March 16, 2010	New Certification: ion: Variable Speed Drives for AC Motors Cat. No. ATV32 as per CAN/CSA C22.2 No.14-05.
2278406	March 16, 2010	New Certification: ion: Variable Speed Drives for AC Motors Cat. No. ATV32 as per CAN/CSA C22.2 No.14-05.