



CSA INTERNATIONAL

# Certificate of Compliance

**Certificate:** 1464725 (LR 96921)

**Master Contract:** 224330

**Project:** 2122109

**Date Issued:** 2009/03/31

**Issued to:** Schneider Toshiba Inverter SAS

32 rue Andre Blanchet  
Pacy sur Eure, 27120  
France  
Attention: Arnold Memelink

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



**Issued by:** Patrick Quinty, Eng.

**Authorized by:** Helene Vaillancourt,  
Operations Manager

## **PRODUCTS**

**CLASS 3211 06** - INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers -  
Miscellaneous

- Variable Speed Drives for AC Motors, Series ATV31..., input 1 or 3 ph, 50/60Hz, input rated 200/500V, output: 3 ph, 0-500Vac, 0/500Hz, 1/4 to 20hp, Frame size 1 to 9. Cat. No. ATV31 H followed by three characters, followed by one letter, followed by one number, may be followed by A, XA, may be followed by S, followed by three numbers.

- Variable Speed Drives for AC Motors, Series ATV31..., input 3 ph, 50/60Hz, input rated 500/600V, output: 3 ph, 0-600Vac, 0/500Hz, 1 to 20hp, Frame size 6 to 9. Cat. No. ATV31H followed by three characters, followed



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by one letter, followed by one number, may be followed by A, XA, may be followed by S, followed by three numbers.

- Variable Speed Drives for AC Motors, Series ATV312..., input 1 or 3 ph, 50/60Hz, input rated 200/500V, output: 3 ph, 0-500Vac, 0/500Hz, 1/4 to 20hp, Frame size 1 to 9. Cat. No. ATV312H followed by three characters, followed by one letter, followed by one number, may be followed by S followed by three numbers.

Notes:

- 1) Motor Overload Protection. The control software provides overload motor protection, Class 10.
- 2) The certified variable speed drives Series Cat No ATV31H... followed by suffixes may also be designated Cat No VFS11... followed by suffixes.
- 3) The certified variable speed drives Series Cat No ATV312H... followed by suffixes may also be designated Cat No VFS12... followed by suffixes.
- 4) Short-circuit withstand: standard fault 5000A RMS symmetrical; may be rated high fault up to 100kA at 500Vac or 22kA at 600Vac maximum.
- 5) Cat No ATV31C are enclosed devices Type 12 and Cat No ATV31K Series are open type devices on a metallic base plate for OEM.

### **APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 0 M1991 - General Requirements - Canadian Electrical Code, Part II

CAN/CSA C22.2 No 0.4-04 - Bonding & Grounding of Electrical Equipment (Protective Grounding)

CAN/CSA-C22.2 No. 14-05 - Industrial Control Equipment



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CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
2122109	2009/03/31	Add model ATV312. Also change motor overload, voltage level, add alternative relay and plastic.
1932713	2007/07/18	CSA report update to add modifications, Model ATV31.
1683978	2005/09/27	CSA report update to add modifications, Model ATV31.
1620778	2005/01/21	CSA approval AC motor drives ATV31 enclosed motor starter.
1583766	2004/08/25	File update to add Type 12 for ATV31C enclosures.
1580965	2004/08/12	CSA Approval AC motor drives, ATV31, Series C and K.
1545091	2004/07/20	Addition of new ratings for AC motor drives, Series ATV 31.

### **History**

1499220	2003-11-26	AC motor variable speed drives, Series ATV31, sizes 5 to 9 (1,5 to 20hp).
1464725	2003-08-01	AC motor variable speed drives, Series ATV31, housing size, 0.2-0.75kW, open type.