



# Certificate of Compliance

**Certificate:** 1526688 (205078)

**Master Contract:** 205078

**Project:** 70044742

**Date Issued:** 2016-06-10

**Issued to:** Analog Devices Inc.  
804 Woburn St  
Wilmington, Massachusetts 01887-3462  
USA

**Attention:** Mark Cantrell

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲*



**Issued by:** Martin Buchanan  
Martin Buchanan, P. Eng.

**PRODUCTS**

CLASS - C907330 - ELECTRONIC COMPONENTS-Optoisolators

Component Acceptance of Optoisolator Like Magnetic Coupling Devices:

Device (SOIC 8N R package)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADuM1200yRZ ADuM1201yRZ ADuM1210yRZ ADuM3200yRZ ADuM3201yRZ ADuM3210yRZ ADuM3211yRZ	2.5	105	CSA CA5A, 14-13 Tbl 35, 6.2.1.1, 6.2.1.1/6.2.10, 6.8.1.1 60950-1-07+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 61010-1-12+A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10	-	-	4.0
ADuM1200WyRZ ADuM1201WyRZ ADuM1210WyRZ ADuM3200WyRZ ADuM3201WyRZ ADuM3210WyRZ ADuM3211WyRZ	2.5	125	IEC 60950-1 2nd Ed.,+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 61010-1 3 <sup>rd</sup> Ed A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10  EN 60950-1:2006+A1+A12+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2			



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where W, if used, indicates 125C rating, y may be A, B, C, S, T, or U differentiating devices with different performance grades. Z, if used, indicates the lead-free version. Further suffix letters or digits differentiate shipping package formats.

Notes:

1. These devices meet basic insulation requirements for 400Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2.
2. These devices meet reinforced insulation requirements for 148Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2. (pollution degree 2, material group III)
3. For CSA 61010-1-12+A1 and IEC 61010-1 3<sup>rd</sup> Ed. for 300Vrms, overvoltage category III for basic insulation and 150Vrms, overvoltage category IV for basic insulation, the devices meet clauses K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6 and 10. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
4. Case material: Multiple mold compounds have been evaluated. All meet at least material group II.
5. Evaluated by thermal cycling and other tests.
6. The creepage and clearance has been evaluated for altitudes  $\leq 2000\text{m}$ , in pollution degree 2 and overvoltage category II except where specified above. (pollution degree 2, material group III).

These devices are Component Accepted as components for use in other Certified equipment where the suitability of the combination shall be determined by investigation in the final application.

**APPLICABLE REQUIREMENTS**

Component Acceptance Notice 5A (CA 5A) - Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices

CAN/CSA-C22.2 No 14-13 - Industrial Control Equipment

CAN/CSA-C22.2 No 60950-1-07+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)

IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements

EN 60950-1:2006+A1+A12+A2 - Information Technology Equipment - Safety - Part 1: General Requirements

Clauses K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10  
of

CAN/CSA-C22.2 No. 61010-1-12+A1 2015 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements (Tri-national standard, with UL 61010-1 Ed. 3 and ANSI/ISA-61010-1 (82.02.01)

and

IEC 61010-1:2010 3<sup>rd</sup> Ed. - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements



## *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>
70044742	2016-06-10	Update for alternative mould compound and leadframe
2449791	2011-08-17	Addition of ADuM3211
2094946	2008-10-29	Addition of W models, 125C, Re evaluation using new data sheet rev. G
1898388	2007-05-30	Addition of functional insulation evaluation for 800Vrms
1709834	2005-09-16	Addition of Models ADuM3200yRZ, ADuM3201yRZ and ADuM3210yRZ
1633309	2005-02-08	Addition of ADuM1210 to 1526688
1526688	2004-04-13	Original Certification