



Certificate of Compliance

Certificate: 2326157 **Master Contract:** 205078 (205078)
Project: 70196151 **Date Issued:** 2018-09-02
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	Rating		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
(SOIC 16W RW package) ADuM6000xRWZ ADuM6200xRWZ ADuM6201xRWZ ADuM6202xRWZ ADuM6000WyRWZab ADuM6200WyRWZab ADuM6201WyRWZab ADuM6202WyRWZab ADuM6400xRWZ ADuM6401xRWZ ADuM6402xRWZ ADuM6403xRWZ ADuM6404xRWZ	5.0	≤ 105	CSA 14-18 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 62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 5.4.9.1, 4.1.2 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 60601-1:14 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7 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	-	-	7.8



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Device	Rating		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADuM6400WyRWZab ADuM6401WyRWZab ADuM6402WyRWZab ADuM6403WyRWZab ADuM6404WyRWZab			62368-1:2014 Ed. 2 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 5.4.9.1, 4.1.2 61010-1 3 rd Ed A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10 60601-1 Ed.3+A1 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7			
(SOIC 16W RI package) ADuM6000ARIZ ADuM6200xRIZ ADuM6201xRIZ ADuM6202xRIZ ADuM6000WyRIZab ADuM6200WyRIZab ADuM6201WyRIZab ADuM6202WyRIZab ADuM6400xRIZ ADuM6401xRIZ ADuM6402xRIZ ADuM6403xRIZ ADuM6404xRIZ ADuM6400WyRIZab ADuM6401WyRIZab ADuM6402WyRIZab ADuM6403WyRIZab ADuM6404WyRIZab	5.0	≤ 105	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	-	-	8.7

where x and y may each be a letter differentiating devices with different performance grades. Z, if used, indicates the lead-free version. Suffix ab is a 2 digit number denoting specific supply voltage combinations. Suffix EP at the end of the base part number indicates lower extended temperature capability to -55C with a NiPdAu lead finish. Further suffix letters or digits differentiate shipping package formats.

Notes:

1. Devices with RW suffix meet reinforced insulation for 390Vrms and basic insulation for 780Vrms for CSA 60950-1-07+A1+A2, IEC 60950-1 2nd Ed.+A1+A2 and EN 60950-1+A1+A12+A2 (pollution degree 2, material group III)
2. Devices with RW suffix meet reinforced insulation for 390Vrms and basic insulation for 600Vrms for CSA 62368-1-14 and IEC 62368-1:2014 Ed. 2. (pollution degree 2, material group III)
3. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed. for 600Vrms, overvoltage category III for basic and 300Vrms, overvoltage category III for reinforced insulation, devices with RW suffix meet clauses K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)



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4. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 2 MOPP for 237.5Vrms, devices with RW suffix meet clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
5. Models with RI suffix meet reinforced requirements for 400Vrms for CSA 60950-1-07, IEC 60950-1 2nd Ed. and EN60950-1. (pollution degree 2, material group III)
6. Models with RI suffix meet reinforced requirements for 400Vrms for CSA 62368-1-14 and IEC 62368-1:2014 Ed. 2. (pollution degree 2, material group III)
7. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed. for 600Vrms, overvoltage category IV for basic and 300Vrms, overvoltage category III for reinforced insulation, devices with RI suffix meet clauses K.3, K.4, 6.7.1.3, 8.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
9. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 2 MOPP for 250Vrms, devices with RI suffix meet clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7. The risk management process is not applicable to these clauses.
10. Case Material: Multiple mold compounds have been evaluated. All meet at least material group II.
11. Evaluated by thermal cycling and other tests.
12. 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 of the final application.

APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No 14-18 - 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)
CAN/CSA-C22.2 No. 62368-1-14 - Audio/video, information and communication technology equipment– Part 1: Safety requirements
IEC 60950-1 2nd Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements
IEC 62368-1:2014 Ed. 2 - Audio/video, information and communication technology equipment– Part 1: Safety 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 3rd Ed. - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

Clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7
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- CAN/CSA C22.2 60601-1:14 - Medical Electrical Equipment Part 1: General requirements for basic safety and general performance (Adopted IEC60601-1:2005 Edition 3.0 +Amendment 1, 2012-07, MOD)
- and
IEC60601-1:2005 Ed 3.0+A1 - Medical Electrical Equipment Part 1: General requirements for basic safety and general performance



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
70196151	2018-09-02	Alternative Polyimide I-8124ER for power die
70044747	2016-08-09	Update for alternative mould compound and leadframe with Thermal cycling test for ADuM6000
2553793	2012-08-31	Correction to material to EME-G600C
2455566	2011-11-22	Addition of long creepage package with new larger integrated coil die with RI suffix.
2326157	2010-11-08	Transfer of 6xxx models from report 2162710 and addition of applicable clauses of 60601-1 3rd Ed.