Certificate of Compliance

Certificate:	2638209	**Master Contract:**	205078
Project:	2638209	**Date Issued:**	December 11, 2013

Issued to: **Analog Devices Inc.**

804 Woburn St
Wilmington, MA 01887-3462
USA
Attention: Al McEvoy

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

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Martin Buchanan

Issued by: Martin Buchanan, P. Eng.

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PRODUCTS
CLASS 9073 30 - ELECTRONIC COMPONENTS - Optoisolators

Component Acceptance of Optoisolator Like Magnetic Coupling Devices:

Device	Ratings		Stds/Notices	Internal		External
	(kV)	(C)		Creep(mm)	DistThru(mm)	Creep(mm)
ADuM4070ARIZ	5.0	105	CA5A, 14-13,	-	-	8.3
			60950-1-07+A1			
			601.1M-90			
			601.1S1-94			
			601.1B-98			
			61010-1-04			
			IEC 60950-1 2nd Ed.+A1			
			IEC 61010-1 2nd Ed.			
			EN 60950-1:2006 +A1, A12			

Clauses 8.5.5.1, 8.8.3,

8.9.1.15, 8.9.3.3 of

CSA 60601-1:08 and

IEC 60601-1 3rd Ed.

Z, if used, indicates the lead-free version. Further suffix letters or digits differentiate shipping package formats.

Notes:

1. Reinforced insulation requirements for CSA 60950-1-07+A1, IEC 60950-1 2nd Ed+A1. and EN60950-1:2006+A1, A12 have been met for 400Vrms and for CSA 61010-1-04 and IEC 61010-1 2nd Ed. for 300Vrms.

2. Basic insulation requirements for CSA 60950-1-07+A1, IEC 60950-1 2nd Ed.+A1 and EN60950-1:2006+A1, A12 have been met for 800Vrms and for CSA 61010-1-04 and IEC 61010-1 2nd Ed. for 600V. (pollution degree 2, material group III)

3. The devices meet reinforced insulation requirements for 250Vrms for CSA 601.1M-90, 601.1S1-94, 601.1B and IEC 601-1 2nd Ed.

4. For CSA 60601-1:08 and IEC60601-1 3rd Ed. for 2 MOPP for 250Vrms, the devices meet clauses 7.5.5.1, 8.8.3, 5.9.1.15, and 8.9.3.3. The risk management process is not applicable to these clauses.

5. Case material CTI=600V, erosion depth 0.165mm.

6. Evaluated by thermal cycling and other tests.

7. The creepage and clearance has been evaluated for altitudes ≤ 2000m, in pollution degree 2, material group III and overvoltage category II.

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 -   Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)

CAN/CSA-C22.2 No. 61010-1-04 -   Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

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IEC 60950-1, 2nd Ed.+A1   - Information Technology Equipment - Safety - Part 1: General Requirements

IEC 61010-1 2nd Ed. 2001 02   - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

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

CAN/CSA C22.2 601.1-M90   -   Medical Electrical Equipment Part 1: General requirements for Safety adopted IEC 601-1 2ed (90)

CAN/CSA C22.2 601.1S1-94   -   Supplement No 1-94 to CAN/CSA C22.2 601.1-M90

CAN/CSA C22.2 601.1B-98   -   Amendment 2 to CAN/CSA C22.2 601.1-M90

IEC 601-1 (1988-12)   -   Medical Electrical Equipment - Part 1: General Requirements for Safety)

IEC 601-1-AM1 (1991-11)   -   Medical Electrical Equipment - Part 1: General Requirements for Safety)

IEC 601-1-AM2 (1995-03)   -   Medical Electrical Equipment - Part 1: General Requirements for Safety)

Clauses 8.5.5.1, 8.8.3, 8.9.1.15 and 8.9.3.3

of

CAN/CSA C22.2 60601-1:08   -   Medical Electrical Equipment Part 1: General requirements for basic safety and general performance

and

IEC60601-1:2005   -   Medical Electrical Equipment Part 1: General requirements for basic safety and general performance