



# Certificate of Compliance

**Certificate:** 2731704

**Master Contract:** 205078

**Project:** 2731704

**Date Issued:** November 5, 2014

**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*



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

## PRODUCTS

**CLASS 9073 30** - ELECTRONIC COMPONENTS – Optoisolators

Component Acceptance of Optoisolator Like Magnetic Coupling Devices:

Device	Rating		Applicable Standards/Notices	Internal		External
	(k V)	(°C)		Creepage (mm)	Dist Thru (mm)	Creepage/ Clearance (mm)
SO8						
ADuM1240xRZ ADuM1241xRZ ADuM1245xRZ ADuM1246xRZ ADuM1240WxRZ ADuM1241WxRZ ADuM1245WxRZ ADuM1246WxRZ	3.0	125	CSA CA5A, 14-13, 60950-1-07+A1+A2 IEC 60950-1 2 <sup>nd</sup> Ed.+A1+A2 EN 60950-1:2006+A1+A12+A2	-	-	4.0



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where x is a letter indicating speed grade and where 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 (566Vp) for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2 and EN 60950-1:2006+A1+A12+A2. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 148Vrms (210Vp) for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2 and EN 60950-1:2006+A1+A12+A2. (pollution degree 2, material group III)
3. Case material CTI=575V, erosion depth 0.079mm. (meets material group II)
4. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
5. The creepage and clearance has been evaluated for altitudes  $\leq 2000\text{m}$ , in pollution degree 2 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+A2     | - | Information Technology Equipment - Safety - Part 1:<br>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<br>Requirements   |
| EN 60950-1:2006+A1+A12+A2             | - | Information Technology Equipment - Safety - Part 1: General<br>Requirements   |