



# Certificate of Compliance

**Certificate:** 70014639 **Master Contract:** 205078 (205078)

**Project:** 70168152 **Date Issued:** 2018-01-05

**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<br>(SSOP 20 package) | Rating |     | Standard/Notice and Clauses  | Internal         |                      | External            |
|-----------------------------|--------|-----|--|------------------|----------------------|---------------------|
|                             | kV     | °C  |  | Creepage<br>(mm) | Dist<br>Thru<br>(mm) | Creep/Clear<br>(mm) |
| ADM3260ARSZ                 | 2.5    | 105 | CSA<br>14-13 Tbl 35, 6.2.1.1, 6.2.1.1/6.2.10, 6.8.1.1<br>60950-1-07+A1+A2 2.10.3.3, 2.10.4.2,<br>2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2<br>62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7,<br>5.4.1.5.3, 5.4.9.1, 4.1.2<br>61010-1-12+A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2<br>A.17, K.6x1.6, K.7x1.6, 10<br><br>IEC<br>60950-1 2nd Ed.,+A1+A2 2.10.3.3,<br>2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2<br>62368-1:2014 Ed. 2 5.4.3, 5.4.2, 5.4.4.4,<br>5.4.7, 5.4.1.5.3, 5.4.9.1, 4.1.2 | -                | -                    | 5.1                 |



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| Device<br>(SSOP 20 package) | Rating |    | Standard/Notice and Clauses  | Internal         |                      | External            |
|-----------------------------|--------|----|--|------------------|----------------------|---------------------|
|                             | kV     | °C |  | Creepage<br>(mm) | Dist<br>Thru<br>(mm) | Creep/Clear<br>(mm) |
|                             |        |    | 61010-1 3 <sup>rd</sup> Ed A1 K.3, K.4, 6.7.1.3,<br>6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10<br><br>EN<br>60950-1:2006+A1+A12+A2 2.10.3.3,<br>2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 |                  |                      |                     |

where suffixes y may be A, B or C differentiating devices with different performance grades and RW indicates wide body SOIC. 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 510Vrms (721Vp) 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 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. These devices meet basic insulation requirements for 300Vrms including 230/400 V and 277/480 V for CSA 62368-1-14 and IEC 62368-1 2<sup>nd</sup> Ed. (pollution degree 2, material group III)
4. For CSA 61010-1-12+A1 and IEC 61010-1 3<sup>rd</sup> Ed. for 300Vrms, overvoltage category II 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, 10. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
5. Case material CTI=600V, erosion depth 0.165mm.
6. Evaluated by thermal cycling and other tests for a temperature rating of 105C.
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**

- 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)
- CAN/CSA-C22.2 No. 62368-1-14 - Audio/video, information and communication technology equipment– Part 1: Safety requirements
- IEC 60950-1 2<sup>nd</sup> 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



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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))



## *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>                          |
|----------------|-------------|---|
| 70168152       | 2018-01-05  | Update for new 3 layers I-8124ER insulation |
| 70014639       | 2015-04-01  | Original Component Acceptance               |