



Certificate of Compliance

Certificate: 2638208 **Master Contract:** 205078 (205078)
Project: 70168151 **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 (SSOP 20 package)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADuM5010xRSZ	2.5	105	CSA	-	-	5.3
ADuM5210xRSZ	2.5		14-13 Tbl 35, 6.2.1.1, 6.2.1.1/6.2.10,			
ADuM5211xRSZ	2.5		6.8.1.1			
ADuM5212xRSZ	2.5		60950-1-07+A1+A2 2.10.3.3,			
ADuM6010xRSZ	3.75		2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11,			
ADuM6210xRSZ	3.75		4.5.2, 5.2			
ADuM6211xRSZ	3.75		62368-1-14 5.4.3, 5.4.2, 5.4.4.4,			
ADuM6212xRSZ	3.75		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			
			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			
			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			



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Device (SSOP 20 package)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
			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 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			

where Z, if used, indicates the lead-free version. 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. These devices meet basic insulation requirements for 530Vrms for CSA 60950-1-07+A1+A2, CSA 62368-1-14, IEC 60950-1 2nd Ed.+A1+A2, IEC 62368-1 2nd Ed. and EN 60950-1:2006+A1+A12+A2. (pollution degree 2, material group III)
2. The 6010, 6210, 6211 and 6212 models meet reinforced insulation requirements for 265Vrms for CSA 60950-1-07+A1+A2, CSA 62368-1-14, IEC 60950-1 2nd Ed.+A1+A2, IEC 62368-1 2nd Ed. and EN 60950-1:2006+A1+A12+A2. (pollution degree 2, material group III)
3. For CSA 61010-1-12+A1 and IEC 61010-1 3rd 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)
4. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed. the 6010, 6210, 6211 and 6212 models meet 150V for reinforced insulation based on 61010-1 Cl 14.1 a) for use in 61010-1 end products because they meet the requirements of the 62368-1 evaluation. (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 125C.
7. The creepage and clearance has been evaluated for altitudes ≤ 2000m, in pollution degree 2, material group III 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

- 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 2nd Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements



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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))



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
70168151	2018-01-05	Update for new 3 layers I-8124ER insulation
2638208	2013-12-11	Original Component Acceptance