



Certificate of Compliance

Certificate: 70163442 **Master Contract:** 205078 (205078)
Project: 70163442 **Date Issued:** 2017-11-24
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 (SOIC 16 RI package)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADuM250N0BRIZ	5.0	125	CSA	-	-	8.7
ADuM250N1BRIZ						
ADuM251N0BRIZ						
ADuM251N1BRIZ						
ADuM252N0BRIZ						
ADuM252N1BRIZ						
ADuM260N0BRIZ						
ADuM260N1BRIZ						
ADuM261N0BRIZ						
ADuM261N1BRIZ						
ADuM262N0BRIZ						
ADuM262N1BRIZ						
ADuM263N0BRIZ						
ADuM263N1BRIZ						



Certificate: 70163442
Project: 70163442

Master Contract: 205078
Date Issued: 2017-11-24

Device (SOIC 16 RI package)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADuM250N0WBRIZ			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 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			
ADuM250N1WBRIZ						
ADuM251N0WBRIZ						
ADuM251N1WBRIZ						
ADuM252N0WBRIZ						
ADuM252N1WBRIZ						
ADuM260N0WBRIZ						
ADuM260N1WBRIZ						
ADuM261N0WBRIZ						
ADuM261N1WBRIZ						
ADuM262N0WBRIZ						
ADuM262N1WBRIZ						
ADuM263N0WBRIZ						
ADuM263N1WBRIZ						

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 870Vrms for CSA 60950-1-07+A1+A2, CSA 62368-1-14, IEC 60950-1 2nd Ed.+A1+A2 and IEC 62368-1 2nd Ed. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 435Vrms for CSA 60950-1-07+A1+A2, CSA 62368-1-14, IEC 60950-1 2nd Ed.+A1+A2 and IEC 62368-1 2nd Ed. (pollution degree 2, material group III)
3. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed. for 600Vrms, overvoltage category IV 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. these devices meet 300V 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.
5. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 2 MOPP for 276Vrms, the devices 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.
6. Case material: 575Vrms with erosion depth 0.079mm, meets material group II.
7. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
8. The creepage and clearance has been evaluated for altitudes ≤ 2000m, 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 in the final application.



Certificate: 70163442

Project: 70163442

Master Contract: 205078

Date Issued: 2017-11-24

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
- 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
of
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