



Certificate of Compliance

Certificate: 2731768

Master Contract: 205078

Project: 80067395

Date Issued: 2021-10-21

Issued To: Analog Devices Inc.
804 Woburn St
Wilmington, Massachusetts, 01887-3462
United States

Attention: James Scanlon

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 and non-optical isolating devices

Component Acceptance of Optoisolator Like Magnetic Coupling Devices:

Device	Rating		Standard/Notice and Clauses	Internal		External
	k V	°C		Creepage (mm)	Dist Thru (mm)	Creepage/ Clearance (mm)
SSOP20	k V	°C	Standard/Notice and Clauses	Creepage (mm)	Dist Thru (mm)	Creepage/ Clearance (mm)
ADuM1440xRSZ	3.75	125	CSA	-	-	5.1
ADuM1441x RSZ			14-18 tb35, 6.21.4.1, 6.2.1/6.2.12, 6.8.1			
ADuM1442x RSZ			62368-1:19 5.4.3, 5.4.2, 5.4.4.4,			
ADuM1445x RSZ			5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4			
ADuM1446x RSZ			60601-1:14 8.5.5.1, 8.8.2, 8.8.3x1.6,			
ADuM1447x RSZ			8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7			
ADuM1440WxRSZ			IEC			
ADuM1441WxRSZ						
ADuM1442WxRSZ						



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Device SSOP20	Rating		Standard/Notice and Clauses	Internal		External
	k V	°C		Creepage (mm)	Dist Thru (mm)	Creepage/ Clearance (mm)
ADuM1445WxRSZ ADuM1446WxRSZ ADuM1447WxRSZ			62368-1:2018 Ed. 3 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4 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 62368-1:2020+A11:2020 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4			

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 510Vrms (721Vp) for CSA 62368-1:19. IEC 62368-1:2018 Ed. 3 and EN 62368-1:2020+A11:2020. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 255Vrms for CSA 62368-1:19. IEC 62368-1:2018 Ed. 3 and EN 62368-1:2020+A11:2020. (pollution degree 2, material group III)
3. For CSA 60601-1:14 and IEC60601-1Ed. 3.1 for 1 MOPP for 250Vrms, these models 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.
4. Case material CTI=600V, erosion depth 0.165mm. (meets material group I)
5. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
6. 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

- CAN/CSA-C22.2 No 14-18 - Industrial Control Equipment
- CAN/CSA-C22.2 No. 62368-1:19 - Audio/video, information and communication technology equipment - Part 1: Safety requirements (Bi-national Standard with ANSI/UL 62368-1:2019)
- IEC 62368-1:2018 Ed. 3 - Audio/video, information and communication technology equipment - Part 1: Safety requirements
- EN 62368-1:2020+A11:2020 - Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2018)

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



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- 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