



Certificate of Compliance

Certificate: 70120646 **Master Contract:** 205078
Project: 80233209 **Date Issued:** 2025-07-30
Issued to: Analog Devices Inc.
804 Woburn St
Wilmington, Massachusetts
01887-3462
United States
Issued by: Martin Buchanan
Martin Buchanan, P. Eng.

Attention: IvyMae Tejero

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲



PRODUCTS

Class 9073 30 ELECTRONIC COMPONENTS - Optoisolators and non-optical isolating devices

Model(s)
ADN4650BRWZ, ADN4651BRWZ, ADN4652BRWZ, ADN4654BRWZ, ADN4655BRWZ, ADN4656BRWZ, ADN4650WBRWZ, ADN4651WBRWZ, ADN4652WBRWZ, ADN4654WBRWZ, ADN4655WBRWZ, ADN4656WBRWZ

Component Acceptance of Optoisolator Like Magnetic Coupling Devices:

Device (SOIC20 W RW-20)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)



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Device (SOIC20 W RW-20)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADN4650BRWZ ADN4651BRWZ ADN4652BRWZ ADN4654BRWZ ADN4655BRWZ ADN4656BRWZ ADN4650WBRWZ ADN4651WBRWZ ADN4652WBRWZ ADN4654WBRWZ ADN4655WBRWZ ADN4656WBRWZ	5.0	125	CSA 14-18 (R2022) Tbl 35, 6.21.4.1, 6.2.1 or 6.2.12, 6.8.1, 62368-1:19, UPD1:2021 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 61010-1-12+A1 6.7.1.3, 6.7.2.1 or tbK.1 to K.4, 6.7.2.2.1, 6.7.2.2.2 or tbK.9, A.17, tbK.5x1.6, K.6x1.6, K.7x1.6, 10 60601-1:14 (R2022)+A1+A2 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7 IEC 62368-1:2018 Ed. 3 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 61010-1 3rd Ed+A1 6.7.1.3, 6.7.2.1 or tbK.1 to K.4, 6.7.2.2.1, 6.7.2.2.2 or tbK.9, A.17, tbK.5x1.6, K.6x1.6, K.7x1.6, 10 60601-1 Ed.3+A1+A2 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	-	-	7.8

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 -55°C with a NiPdAu lead finish. Further suffix letters or digits differentiate shipping package formats.

Notes:

1. These devices meet basic insulation requirements for 780Vrms for CSA 62368-1:19, UPD1:2021, 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 390Vrms 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 III 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. (pollution degree 2, material group III)
5. For CSA 60601-1:14 and IEC 60601-1 Ed.3+A1 for 1 MOPP for 490Vrms and 2 MOPP for 50Vrms, the devices meet clauses 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.



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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 $\leq 2000\text{m}$, 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.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 14-18 - Thirteenth Edition - Industrial control equipment

CSA C22.2 No. 62368-1:19 - Third Edition - Including Update No. 1: October 2021 - Audio/video, information and communication technology equipment - Part 1: Safety requirements

CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016, AMD1:2018 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements

CAN/CSA-C22.2 60601-1:14 (R2022) - Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance (Adopted IEC 60601-1:2005, third edition + Amendment 1:2012)

IEC 62368-1:2018 - Audio/video, information and communication technology equipment – Part 1: Safety requirements - Edition 3.0

IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016 - Amendment 1 - Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

IEC 60601-1:2005/AMD1:2012/AMD2:2020 - Medical electrical equipment – Part 1: General requirements for basic safety and essential performance - Edition 3.2; Consolidated Reprint; Incorporates Amendment 1: 2012, Corrigenda 1: 12/2012, Corrigenda to Amendment 1: 07/2014, Interpretation 1: 04/2008, Interpretation 2: 01/2009, and Interpretation 3: 05/2013 and Amendment 2: 08/2020

EN 62368-1: 2020/A11:2020 - Audio/video, information and communication technology equipment - Part 1: Safety requirements - Incorporates Amendment A11: 2020



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Notes:

Products certified under Class(es) C907330 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

