Certificate of Compliance

Certificate: 2697013 **Master Contract:** 205078

Project: 80126885 **Date Issued:** 2022-05-31

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

Attention: Jason Naso

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:

	Ratings			Internal		External
Device	kV	˚C	Clauses of Standard/Notice	Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
(SOIC 16W RI package) AD7402BRIZ AD7403BRIZ AD7405BRIZ AD7403TRIZ-EP	5.0	125	CSA 14-18 tb35, 6.21.4.1, 6.2.1/6.2.12, 6.8.1 62368-1:19 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	-	-	8.7

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Device	Ratings		Clauses of Standard/Notice	Internal		External
	kV	˚C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
(SOIC 8W RI package) AD7402-8BRIZ AD7403-8BRIZ	5.0	125	60601-1:14 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 IEC 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			8.3

where Z, if used, indicates the lead-free version. Further suffix letters or digits differentiate shipping package formats.

Notes:
1. SOIC 8W RI devices meet basic insulation requirements for 830Vrms (1173Vp) for CSA 62368-1:19. IEC 62368-1:2018 Ed. 3 and EN 62368-1:2020+A11:2020. SOIC 16W RI devices meet basic insulation requirements for 870Vrms (1230Vp) 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. SOIC 8W RI devices meet reinforced insulation requirements for 415Vrms for CSA 62368-1:19. IEC 62368-1:2018 Ed. 3 and EN 62368-1:2020+A11:2020. SOIC 16W RI devices meet reinforced insulation requirements for 435Vrms 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 IEC60601-1 Ed.3+A1 for 1 MOPP for 500Vrms, 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.
4. Case material: CTI=575V, erosion depth 0.079mm
5. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
6. The creepage and clearance has been evaluated for altitudes ≤ 2000m, 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.

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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
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

Notes:

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

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
80126885	2022-05-31	FIR follow-up, Submittor Analog Devices, FC#220988, date of FIR Apr 19,2022, report number 2697013 Update to leadframe description to include tin plated copper alloy for SOIC 8W RI.
80067389	2021-06-16	Update to 2697013 for 62368-1 Ed 3
70055311	2016-04-12	Addition of AD7403-EP and EME-G700LY mould compound
2697013	2014-04-14	Original Component Acceptance