

# **Certificate of Compliance**

Certificate: 1874387 Master Contract: 220991

**Project:** 80211373 **Date Issued:** 2025-07-25

Issued to: Texas Instruments, Inc. Issued by: Martin Buchanan

12500 TI Blvd

**MS 8701** 

Dallas, Texas 75243

**United States** 

**Attention:** Saleem Marwat

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)	
ISO7220xyD, ISO7221xyD	

### Component Acceptance of Optoisolator-Like Isolating IC's:

Device	Ratings		Standard/Notice and Clauses	Internal		External
(SOIC 8 N D-8)	kV	°C		Creepage	Dist Thru	Creep/Clear (mm)
				(mm)	(mm)	

Martin Buchanan, P. Eng.



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Device	Ra	tings	Standard/Notice and Clauses	Internal		External
(SOIC 8 N D-8)	kV	°C		Creepage	Dist Thru	Creep/Clear (mm)
				(mm)	(mm)	
ISO7220xyD	2.0	125	CSA	-	-	4.0
ISO7221xyD			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			
			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			

where x represents A, B, C or M for filtering and y represents an optional Q for automotive applications. Suffixes may be used for different shipping package types; R is for tape and reel packaging. A further suffix Q1 may or may not be used when the optional Q is used.

#### Notes:

- 1. Basic Insulation requirements have been met for 300Vrms including 230/400Vrms and 277/480Vrms but not exceeding 400Vrms for CSA 62368-1:19, UPD1:2021, IEC 62368-1:2018 Ed. 3 (pollution degree 2, material group III)
- 2. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
- 3. The creepage and clearance has been evaluated for altitudes  $\leq$  2000m, in pollution degree 2, material group III and overvoltage category II except where specified otherwise.

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

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



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Notes:

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



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