



Certificate of Compliance

Certificate: 80217720 **Master Contract:** 220991
Project: 80217720 **Date Issued:** 2025-12-20
Issued to: **Texas Instruments, Inc.** **Issued by:** *Martin Buchanan*
12500 TI Blvd *Martin Buchanan, P. Eng.*
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)
ISO6742QDWWRQ1, ISO6742FQDWWRQ1

Component Acceptance of Optoisolator-Like Devices:

Device (SOIC16 extra wide DWW-16)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)



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Device (SOIC16 extra wide DWW-16)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO6742QDWWQ1 ISO6742FQDWWQ1	5.7	125	CA 5A CSA 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+UPD1:2015; UPD2:2016; AMD1:2018 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10 60601-1:14 (R2022) 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 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 4.5.8, 5.4.9.1, 5.4.1.4 61010-1 Ed.3+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+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 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2	-	-	14.5

Suffix R, maybe placed before Q1, is optional and used for reel shipping packing type.

Notes:

1. The devices meet basic insulation requirements for 1450Vrms and reinforced insulation requirements for 725Vrms for CSA 62368-1:19, UPD1:2021, IEC 62368-1:2018 Ed. 3 and 62368-1:2020+A11:2020. (pollution degree 2, material group III)
2. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed.+A1 for 600Vrms, overvoltage category IV for basic insulation and 600Vrms, overvoltage category III for reinforced 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, 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. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
3. For CSA 60601-1:14 (R2022) and IEC 60601-1 Ed.3+A1+A2 for 2 MOPP for 400Vrms, 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=600V, erosion depth 0.012mm. 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 ≤ 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.



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APPLICABLE REQUIREMENTS

Component Acceptance Notice No. 5A - Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices.

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

CAN/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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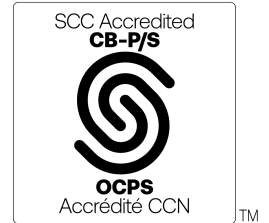
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Notes:

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





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
80217720	2025-12-20	Original Component Acceptance of ISO6742QDWWRQ1, ISO6742FQDWWRQ1 (SOIC 16 extra wide DWW-16) 5700V

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