



Certificate of Compliance

Certificate: 80217718

Master Contract: 220991

Project: 80217718

Date Issued: 2025-12-19

Issued to: Texas Instruments, Inc.
12500 TI Blvd
MS 8701
Dallas, Texas 75243
United States

Issued by: Martin Buchanan
Martin Buchanan, P. Eng.

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)
ISO7741TADWQ1, ISO7741FTADWQ1, ISO7741TBDWQ1, ISO7741FTBDWQ1, ISO7742TADWQ1, ISO7742FTADWQ1, ISO7742TBDWQ1, ISO7742FTBDWQ1

Component Acceptance of Optoisolator-Like Devices:

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



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Device (SOIC16 W DW-16)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	
ISO7741TADWQ1 ISO7741FTADWQ1 ISO7741TBDWQ1 ISO7741FTBDWQ1 ISO7742TADWQ1 ISO7742FTADWQ1 ISO7742TBDWQ1 ISO7742FTBDWQ1	5.0	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	-	-	8.0

Suffix R (R may be placed before Q1) is optional and used for reel shipping packing type.

Notes:

1. The devices meet basic insulation requirements for 800Vrms and reinforced insulation requirements for 400Vrms 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+UPD1:2015; UPD2:2016; AMD1:2018 and IEC 61010-1 Ed.3+A1, the devices meet 600Vrms for basic insulation and 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. 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 250Vrms, 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 \leq 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 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)

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

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





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
80217718	2025-12-19	Original Component Acceptance of ISO7741TADWRQ1, ISO7741FTADWRQ1, ISO7741TBDWRQ1, ISO7741FTBDWRQ1, ISO7742TADWRQ1, ISO7742FTADWRQ1, ISO7742TBDWRQ1, ISO7742FTBDWRQ1 (SOIC 16W DW-16) 5000V

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