



# Certificate of Compliance

<b>Certificate:</b>	70128707	<b>Master Contract:</b>	220991
<b>Project:</b>	80211379	<b>Date Issued:</b>	2025-09-16
<b>Issued to:</b>	<b>Texas Instruments, Inc.</b> <b>12500 TI Blvd</b> <b>MS 8701</b> <b>Dallas, Texas 75243</b> <b>United States</b>	<b>Issued by:</b>	<i>Martin Buchanan</i> Martin Buchanan, P. Eng.
	<b>Attention:</b> 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)
ISO7730DBQ, ISO7730FDBQ, ISO7730QDBQQ1, ISO7730FQDBQQ1, ISO7731DBQ, ISO7731FDBQ, ISO7731QDBQQ1, ISO7731FQDBQQ1, ISO7740DBQ, ISO7740FDBQ, ISO7740QDBQQ1, ISO7740FQDBQQ1, ISO7741DBQ, ISO7741FDBQ, ISO7741QDBQQ1, ISO7741FQDBQQ1, ISO7742DBQ, ISO7742FDBQ, ISO7742QDBQQ1, ISO7742FQDBQQ1

Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:

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



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Device (DBQ 16)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO7730DBQ ISO7730FDBQ ISO7730QDBQQ1 ISO7730FQDBQQ1 ISO7731DBQ ISO7731FDBQ ISO7731QDBQQ1 ISO7731FQDBQQ1 ISO7740DBQ ISO7740FDBQ ISO7740QDBQQ1 ISO7740FQDBQQ1 ISO7741DBQ ISO7741FDBQ ISO7741QDBQQ1 ISO7741FQDBQQ1 ISO7742DBQ ISO7742FDBQ ISO7742QDBQQ1 ISO7742FQDBQQ1	3.0	125	CSA 14-18+UPD1(R2022) Tbl 35, 6.2.1, 6.2.1/6.2.12, 6.8.1, 6.21.4.1 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 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	-	-	3.7

Suffix R (R may be placed before Q1) is optional and used for reel shipping packing type. Suffix S may be inserted before D for matte tin lead finish.

**Notes:**

1. These devices meet basic insulation requirements for 300Vrms (including 230/400Vrms and 277/480Vrms but not exceeding 370Vrms) for CSA 62368-1:19, UPD1:2021 and 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 ≤ 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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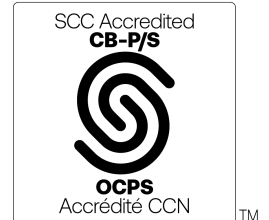
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Notes:

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](http://www.scc.ca)



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