



# Certificate of Compliance

**Certificate:** 70128707

**Master Contract:** 220991

**Project:** 70220408

**Date Issued:** 2019-08-09

**Issued To:** Texas Instruments, Inc.  
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 ▲*

*Martin Buchanan*  
Martin Buchanan, P. Eng.



**Issued by:**

## **PRODUCTS**

CLASS - C907330 - ELECTRONIC COMPONENTS Optoisolators

Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:



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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 Tbl 35, 6.2.1.1, 6.2.1.1/6.2.10, 6.8.1.1 60950-1-07+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1-14 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, 4.1.2  IEC 60950-1 2nd Ed.,+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1-14 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, 4.1.2	-	-	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 370Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 148Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2. (pollution degree 2, material group III)
3. These devices meet basic insulation requirements for 300V (including 230/400V and 277/480V but not exceeding 370V) for CSA 62368-1-14 and IEC 62368-1 2<sup>nd</sup> Ed. (pollution degree 2, material group III)
4. Case material CTI=600V, erosion depth 0.012mm. (meets 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, 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.



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**APPLICABLE REQUIREMENTS**

- |                                       |  |
|---------------------------------------|--|
| CAN/CSA-C22.2 No 14-18                | - Industrial Control Equipment   |
| CAN/CSA-C22.2 No 60950-1-07+A1+A2     | - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1) |
| CAN/CSA-C22.2 No. 62368-1-14          | - Audio/video, information and communication technology equipment– Part 1: Safety requirements                     |
| IEC 60950-1 2 <sup>nd</sup> Ed.+A1+A2 | - Information Technology Equipment - Safety - Part 1: General Requirements   |
| IEC 62368-1:2014 Ed. 2                | - Audio/video, information and communication technology equipment– Part 1: Safety requirements                     |

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