



# Certificate of Compliance

**Certificate:** 70128703

**Master Contract:** 220991

**Project:** 70220410

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

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

**Attention:** Saleem Marwat



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

## PRODUCTS

CLASS - C907330 - ELECTRONIC COMPONENTS Optoisolators

Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:



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Device (SOIC 8 N D-8)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO7710D ISO7710FD ISO7710QDQ1 ISO7710FQDQ1 ISO7720D ISO7720FD ISO7720QDQ1 ISO7720FQDQ1 ISO7721D ISO7721FD ISO7721QDQ1 ISO7721FQDQ1	3.0	125	CSA 14-13 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	-	-	4.0

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 400Vrms 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 400V) 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.

#### 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                     |



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IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2  
IEC 62368-1:2014 Ed. 2

- Information Technology Equipment - Safety - Part 1: General Requirements
  - Audio/video, information and communication technology equipment– Part 1: Safety requirements



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70220410	2019-08-09	Update for addition of suffix S
000070128703	2017-09-25	Original Component Acceptance

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