



Certificate of Compliance

Certificate: 70128425

Master Contract: 220991

Project: 70220407

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 ▲

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



PRODUCTS

CLASS - C907330 - ELECTRONIC COMPONENTS Optoisolators

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)
ISO1212DBQ	3.0	125	CSA 14-18 ТЫ 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	-	-	3.7



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

Suffix R may be used after DBQ for reel packaging. 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 2nd 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 2nd 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 2nd 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
- IEC 60950-1 2nd 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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