



Certificate of Compliance

Certificate: 70178781

Master Contract: 220991 (220991)

Project: 70178781

Date Issued: 2018-08-21

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

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	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
(SSOP 16 DBQ-16) ISO7760DBQ ISO7760FDBQ ISO7760QDBQQ1 ISO7760FQDBQQ1 ISO7761DBQ ISO7761FDBQ ISO7761QDBQQ1 ISO7761FQDWQ1 ISO7762DBQ ISO7762FDBQ ISO7762QDBQQ1 ISO7762FQDBQQ1	3.0	125	CSA 14-18 TЫ1 35, 6.2.1, 6.2.1/6.2.12, 6.8 1, 6 21.4.1 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, 5.4 1.4 61010-1-12+A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10 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 62368-1:2014 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



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ISO7763DBQ ISO7763FDBQ ISO7763QDBQQ1 ISO7763FQDBQQ1			61010-1 3 rd Ed K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10			

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

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 185Vrms 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 370Vrms for CSA 62368-1-14 and IEC 62368-1:2014. (pollution degree 2, material group III)
4. These devices meet reinforced insulation requirements for 185Vrms including for CSA 62368-1-14 and IEC 62368-1:2014. (pollution degree 2, material group III)
5. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed. for 300Vrms, overvoltage category III for basic insulation the devices meet clauses K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10. The risk management process is not applicable to these clauses.
6. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed these devices meet 150Vrms, overvoltage category III 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.
7. Case material CTI=600V, erosion depth 0.012mm. (meets material group I)
8. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
9. 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)



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- 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
- EN 60950-1:2006+A1+A12+A2 - Information Technology Equipment - Safety - Part 1: General Requirements
- Clauses K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10
of
CAN/CSA-C22.2 No. 61010-1-12+A1 2015 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements (Tri-national standard, with UL 61010-1 Ed. 3 and ANSI/ISA-61010-1 (82.02.01)
- and
IEC 61010-1:2010 3rd Ed. - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

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