



Certificate of Compliance

Certificate: 70082130

Master Contract: 220991

Project: 70220406

Date Issued: 2019-10-23

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:



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Device (SOIC 16W DW-16)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO7710DW ISO7710FDW ISO7710QDWQ1 ISO7710FQDWQ1 ISO7720DW ISO7720FDW ISO7720QDWQ1 ISO7720FQDWQ1 ISO7721DW ISO7721FDW ISO7721QDWQ1 ISO7721FQDWQ1 ISO7730DW ISO7730FDW ISO7730QDWQ1 ISO7730FQDWQ1 ISO7731DW ISO7731FDW ISO7731QDWQ1 ISO7731FQDWQ1 ISO7740DW ISO7740FDW ISO7740QDWQ1 ISO7740FQDWQ1 ISO7741DW ISO7741FDW ISO7741QDWQ1 ISO7741FQDWQ1 ISO7741EDWQ1 ISO7741EDWRQ1 ISO7741FEDWQ1 ISO7741FEDWRQ1 ISO7742DW ISO7742FDW ISO7742QDWQ1 ISO7742FQDWQ1	5.0	150	CSA 14-18 Tbl 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 60601-1:14 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8 9 3.4, 8.9.1.15, 8.9.1.7 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 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 60601-1 Ed.3+A1 8.5.5.1, 8.8.2, 8.8 3x1.6, 8.9.3.2, 8 9 3.4, 8.9.1.15, 8.9.1.7 EN 60950-1:2006+A1+A12+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/A11:2017 2.10.3.3, 2 10.4.2, 2 10.4.3, 2 10.5.4a, 2.10.11, 4.5.2, 5.2	-	-	8.0

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

Notes:



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1. These devices meet basic insulation requirements for 800Vrms 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 400Vrms 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 800Vrms for CSA 62368-1-14 and IEC 62368-1:2014. (pollution degree 2, material group III)
4. These devices meet reinforced insulation requirements for 400Vrms 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 600Vrms, overvoltage category IV 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 300Vrms, 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. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 2 MOPP for 250Vrms, the devices meet clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7. The risk management process is not applicable to these clauses.
8. Case material CTI=600V, erosion depth 0.012mm. (meets material group I)
9. Evaluated by thermal cycling and other tests for a temperature rating of up to 150C.
10. The creepage and clearance has been evaluated for altitudes $\leq 2000\text{m}$, 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 2 nd 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
EN 62368-1:2014/A11:2017	- Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

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



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(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

Clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7

of
CAN/CSA C22.2 60601-1:14 - Medical Electrical Equipment Part 1: General requirements for basic safety and general performance (Adopted IEC60601-1:2005 Edition 3.0 +Amendment 1, 2012-07, MOD)

and
IEC60601-1:2005 Ed 3.0+A1 - Medical Electrical Equipment Part 1: General requirements for basic safety and general performance

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