



Certificate of Compliance

Certificate: 70220405

Master Contract: 220991

Project: 70220405

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:

| Device (DWW-16) | Ratings | | Clauses of Standard/Notice | Internal | | External |
|---------------------------------|---------|-----|---|------------------|----------------------|---------------------|
| | kV | °C | | Creepage (mm) | Dist Thru (mm) | Creep/Clear (mm) |
| ISO7741QDWWQ1 ISO7741FQDWWQ1 | 5.7 | 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 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 | - | - | 14.5 |



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| | 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 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 | | | |

Suffix R may be used after DWW for reel packaging.

Notes:

1. The devices meet basic insulation requirements for 1450Vrms for CSA 60950-1-07+A1+A2, EN 60950-1:2006+A1+A12+A2, IEC 60950-1 2nd Ed.+A1+A2, CSA 62368-1-14, EN 62368-1:2014/A11:2017 and IEC 62368-1 2nd Ed. (pollution degree 2, material group III)
2. The devices meet reinforced insulation requirements for 725Vrms for CSA 60950-1-07+A1+A2, EN 60950-1:2006+A1+A12+A2, IEC 60950-1 2nd Ed.+A1+A2, CSA 62368-1-14, EN 62368-1:2014/A11:2017 and IEC 62368-1 2nd Ed. (pollution degree 2, material group III)
3. For CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed.+A1 for 600Vrms, overvoltage category IV for basic insulation and 600Vrms, overvoltage category III for reinforced 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, 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. The risk management process is not applicable to these clauses.
4. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 2 MOPP for 400V, 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.
5. Case material CTI=600V, erosion depth 0.012mm. (meets material group I)
6. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
7. The creepage and clearance has been evaluated for altitudes ≤ 2000m, in pollution degree 2, material group III and overvoltage category II except where specified above.

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 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
EN 62368-1:2014/A11:2017 - Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)

Clauses 6.7.1.3, 6.7.2.1 or K.1 to K.4, 6.7.2.2.1, 6.7.2.2.2 or tbK.9, A.17, tbK.5x1.6, K.6x1.6, K.7x1.6, 10 of

CAN/CSA C22.2 No. 61010-1-12, UPD1: 2015, UPD2: 2016, AMD1: 2018 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements (Tri-national standard, with UL 61010-1 Ed. 3 (2012), AMD1: 2018 and ANSI/ISA-61010-1 (82.02.01))

and

IEC 61010-1:2010 Ed. 3.1:2017 01 - 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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