



# Certificate of Compliance

**Certificate:** 1874387 **Master Contract:** 220991 (220991)  
**Project:** 70094756 **Date Issued:** 2018-02-15  
**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		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO7220xyD ISO7221xyD	2.0	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, 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 62368-1:2014 Ed. 2 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 5.4.9.1, 4.1.2	-	-	4.0



**Certificate:** 1874387  
**Project:** 70094756

**Master Contract:** 220991  
**Date Issued:** 2018-02-15

where x represents a letter for filtering and y represents an optional Q. Suffixes may be used for different shipping package types. A further suffix Q1 may or may not be used when the optional Q is used.

Notes:

1. Basic insulation requirements have been met 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. Basic Insulation requirements have been met for 300Vrms including 230/400Vrms and 277/480Vrms but not exceeding 400Vrms for CSA 62368-1-14 and IEC 62368-1 2<sup>nd</sup> Ed. (pollution degree 2, material group III).
3. Reinforced insulation requirements have been met 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)
4. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
5. 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 14-13                | - | Industrial Control Equipment  |
| CAN/CSA-C22.2 No 60950-1-07+A1+A2     | - | Information Technology Equipment - Safety - Part 1:<br>General Requirements (Bi-national Standard, with UL 60950-1) |
| CAN/CSA-C22.2 No. 62368-1-14          | - | Audio/video, information and communication technology<br>equipment– Part 1: Safety requirements                     |
| IEC 60950-1 2 <sup>nd</sup> Ed.+A1+A2 | - | Information Technology Equipment - Safety - Part 1: General Requirements  |
| IEC 62368-1:2014 Ed. 2                | - | Audio/video, information and communication technology<br>equipment– Part 1: Safety requirements                     |

## IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATA SHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements.

These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to [TI's Terms of Sale](#) or other applicable terms available either on [ti.com](https://www.ti.com) or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

TI objects to and rejects any additional or different terms you may have proposed.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
Copyright © 2023, Texas Instruments Incorporated