



Certificate of Compliance

Certificate: 70016691 (220991)

Master Contract: 220991

Project: 70060382

Date Issued: 2016-04-21

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		Applicable Standards/Notices	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO7310CQDQ1 ISO7310FCQDQ1 ISO7320CQDQ1 ISO7320FCQDQ1 ISO7321CQDQ1 ISO7321FCQDQ1	3.0	125	CSA CA5A 14-13 60950-1-07+A1+A2 61010-1-12+A1 IEC 60950-1 2 nd Ed.+A1+A2 IEC 61010-1 3 rd Ed.	-	-	4.0

Suffixes Q and Q1 are optional and used for automotive-grade device selection. Commercial-grade devices don't use Q and Q1 suffixes. Suffix R is optional and used for reel shipping packing type.

Notes:

1. Reinforced insulation requirements have been met for 200Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2ndEd.+A1+A2.
2. Basic insulation requirements have been met for 400Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2nd



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Ed. +A1+A2 and 300V for CSA 61010-1-12+A1 and IEC 61010-1 3rd Ed.

3. Evaluated by thermal cycling and other tests for a temperature rating of 125C.

4. 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

Component Acceptance Notice 5A (CA 5A) - Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices

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: General Requirements (Bi-national Standard, with UL 60950-1)

CAN/CSA-C22.2 No. 61010-1-12+A1 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

IEC 60950-1:2005 2nd Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements

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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