



Certificate of Compliance

Certificate: 2454142 (220991)

Master Contract: 220991

Project: 70060406

Date Issued: 2016-03-21

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 SOIC Surface-Mount Optoisolator-Like Capacitive Coupling Devices:

Device	Ratings		Applicable Standards/Notices	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO7631xyDW ISO7640xyDW ISO7641xyDW	5.0	125	CSA CA5A, 14-10, 60950-1-07+A1+A2, 61010-1-04 IEC 601-1 2 nd Ed. IEC 60950-1 2 nd Ed.+A1+A2 IEC61010-1 2 nd Ed. Clauses 8.5.5.1, 8.8.3, 8.9.1.15, 8.9.3.3 of CSA 60601-1:14 and IEC 60601-1 Ed.3+A1	-	-	8.0

where x represents F for default output state low or no letter for default output state high, y represents a letter for the speed grade. Suffixes may be used for different shipping package types.



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Notes:

1. Devices meet CSA 14-13 for 1000V rated products when pcb mounted.
2. Reinforced insulation requirements have been met for 400Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2nd Ed.+A1+A2 and 300V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
3. Basic insulation requirements have been met for 800Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2nd Ed. +A1+A2 and 600V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
4. The devices meet reinforced insulation requirements for 125Vrms for IEC 601-1 2nd Ed.
5. For CSA 60601-1:14 and IEC60601-1 Ed.3+A1 for 2 MOPP for 125Vrms, the devices meet clauses 8.5.5.1, 8.8.3, 8.9.1.15, and 8.9.3.3. The risk management process is not applicable to these clauses.
6. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
7. The creepage and clearance has been evaluated for altitudes $\leq 2000\text{m}$, in pollution degree 2 and overvoltage category II.

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. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

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

IEC 61010-1 2nd Ed. 2001 02 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

IEC 601-1 (1988-12) - Medical Electrical Equipment - Part 1: General Requirements for Safety)

IEC 601-1-AM1 (1991-11) - Medical Electrical Equipment - Part 1: General Requirements for Safety)

IEC 601-1-AM2 (1995-03) - Medical Electrical Equipment - Part 1: General Requirements for Safety)

Clauses 8.5.5.1, 8.8.3, 8.9.1.15 and 8.9.3.3 of

CAN/CSA C22.2 60601-1:14 - Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance (Adopted IEC 60601-1:2005 edition 3.0 + AMENDEMENT 1, 2012-07, MOD)

and

IEC60601-1:2005 Ed. 3+A1 - Medical Electrical Equipment Part 1: General requirements for basic safety and general performance

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