



Certificate of Compliance

Certificate: 2454141 (220991)

Master Contract: 220991

Project: 70060409

Date Issued: 2016-02-26

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)	Creepage (mm)
ISO7520CDW ISO7521CDW	5.0	105	CSA CA5A, 14-13,	-	-	8.0
ISO7520EDW ISO7520FEDW ISO7520FCCDW ISO7521EDW ISO7521FEDW ISO7521FCCDW	5.0	125	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			
ISO7421EQDWRQ1	2.5kV	125C	CSA CA5A, 14-13, 60950-1-07 +A1+A2,	-	-	7.6



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			61010-1-04 IEC 60950-1 2nd Ed.+A1+A2 IEC61010-1 2nd Ed.			
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Suffixes may be used to differentiate shipping package types.

Notes:

1. Devices meet CSA 14-13 for 600V rated products when pcb mounted.
2. Except ISO7421EQDWRQ1, devices meet to CSA 60950-1-07+A1+A2 and IEC 60950-1 2nd Ed.+A1+A2 for products with working voltages up to 400V and to CSA 61010-1-04 and IEC 61010-1, 2nd Ed. for products with working voltages up to 300V for reinforced insulation.
3. Except for ISO7421EQDWRQ1, basic insulation requirements have been met for 800V 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. ISO7421EQDWRQ1 meets basic insulation requirements for 280V for CSA 60950-1-07+A1+A2 and IEC 60950-1 2nd Ed.+A1+A2 and for 300V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
4. Except ISO7421EQDWRQ1, 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.
5. Evaluated by thermal cycling and other tests.
6. The creepage and clearance has been evaluated for altitudes ≤ 2000m, 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



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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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