



# Certificate of Compliance

**Certificate:** 2649195

**Master Contract:** 220991

**Project:** 70025510

**Date Issued:** 2015 05 20

**Issued to:** Texas Instruments, Inc.  
 12500 TI Blvd.  
 MS 8701  
 Dallas, TX 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 9073 30 - 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)
ISO7131CCDBQ	3.0	125	CSA CA5A	-	-	3.7
ISO7140CCDBQ			14-13			
ISO7140FCCDBQ			60950-1-07+A1+A2			
ISO7141CCDBQ			61010-1-12			
ISO7141FCCDBQ			IEC 60950-1 2 <sup>nd</sup> Ed.+A1+A2			
ISO7142CCDBQ			IEC 61010-1 3 <sup>rd</sup> Ed.			
ISO7142CCQDBQQ1						

Suffix R may be used after DBQ for different shipping package type.

### Notes:

1. Reinforced insulation requirements have been met for 185Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup>Ed.+A1+A2 and 150Vrms for CSA 61010-1-12 and IEC 61010-1 3<sup>rd</sup> Ed.
2. Basic insulation requirements have been met for 370Vrms for CSA 60950-1-07+A1+A2 and IEC 60950-1 2<sup>nd</sup> Ed. +A1+A2 and 300V for CSA 61010-1-12 and IEC 61010-1 3<sup>rd</sup> Ed.



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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.

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 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
- IEC 60950-1:2005 2<sup>nd</sup> Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements
- IEC 61010-1:2010 3<sup>rd</sup> Ed. - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

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