



# Certificate of Compliance

**Certificate:** 80061133      **Master Contract:** 220991  
**Project:** 80191164      **Date Issued:** 01/22/2024  
**Issued to:** Texas Instruments, Inc.  
12500 TI Blvd  
MS 8701  
Dallas, Texas 75243  
United States

**Attention:** Saleem Marwat

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicator "Triangle symbol"*



**Issued by:**  
Martin Buchanan  
Martin Buchanan, P. Eng.

## PRODUCTS

C907330 ELECTRONIC COMPONENTS - Optoisolators and non-optical isolating devices

### **Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:**

Model(s)
ISOW7721DFM, ISOW7721FDFM, ISOW7740DFM, ISOW7740FDFM, ISOW7741DFM, ISOW7741FDFM, ISOW7742DFM, ISOW7742FDFM, ISOW7743DFM, ISOW7743FDFM, ISOW7744DFM, ISOW7744FDFM, ISOW7741BDFM, ISOW7741FBDFM, ISOW7741QDFMQ1, ISOW7741FQDFMQ1, ISOW7742QDFMQ1, ISOW7742FQDFMQ1

### **Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:**

Device (SOIC 20W DFM20)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)



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Device (SOIC 20W DFM20)	Ratings		Clauses of Standard/Notice	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISOW7721DFM ISOW7721FDFM ISOW7740DFM ISOW7740FDFM ISOW7741DFM ISOW7741FDFM ISOW7742DFM ISOW7742FDFM ISOW7743DFM ISOW7743FDFM ISOW7744DFM ISOW7744FDFM ISOW7741BDFM ISOW7741FBDFM ISOW7741QDFMQ1 ISOW7741FQDFMQ1 ISOW7742QDFMQ1 ISOW7742FQDFMQ1	5.0	125	CSA 62368-1:19 UPD1 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4 61010-1-12+A1 6.7.1.3, 6.7.2.1 or tbK.1 to K.4, 6.7.2.2.1, 6.7.2.2.2 or tbK.9, A.17, tbK.5x1.6, K.6x1.6, K.7x1.6, 10 60601-1:14 (R2022) 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7  IEC 62368-1:2018 Ed. 3 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4 61010-1 3 <sup>rd</sup> Ed+A1 6.7.1.3, 6.7.2.1 or tbK.1 to K.4, 6.7.2.2.1, 6.7.2.2.2 or tbK.9, A.17, tbK.5x1.6, K.6x1.6, K.7x1.6, 10 60601-1 Ed.3+A1+A2 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7  EN 62368-1:2020+A11:2020 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.8, 5.4.1.5.3, 5.4.9.1, 5.4.1.4	-	-	8.0

Suffix R may be used after DFM for reel packaging.

Notes:

1. The rating for reinforced insulation is 90C and the rating for basic insulation is 125C.
2. The devices meet basic insulation requirements for 800Vrms and reinforced insulation requirements for 400Vrms for CSA 62368-1:19, UPD1. IEC 62368-1:2018 Ed. 3 and EN 62368-1:2020+A11:2020. (pollution degree 2, material group III)
3. For CSA 61010-1-12+A1 and IEC 61010-1 3<sup>rd</sup> Ed.+A1 the devices meet 600Vrms for basic insulation and 300V for reinforced insulation based on 61010-1 Cl 14.1 a) for use in 61010-1 end products because they meet the requirements of the 62368-1 evaluation. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
4. For CSA 60601-1:14(R2022) and IEC60601-1 Ed.3+A1+A2 for 2 MOPP for 250Vrms, the devices meet clauses 8.5.5.1, 8.8.2, 8.8.3x1.6, 8.9.3.2, 8.9.3.4, 8.9.1.15, 8.9.1.7. The risk management process is not applicable to these clauses.
5. Case material: 600Vrms with erosion depth 0.012mm, material group I.
6. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
7. The creepage and clearance has been evaluated for altitudes ≤ 2000m, in pollution degree 2 and overvoltage category II except where specified above. (pollution degree 2, material group III).

These devices are Component Accepted as components for use in other Certified equipment where the suitability of the combination shall



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be determined by investigation in the final application.

### **APPLICABLE REQUIREMENTS**

CSA C22.2 60601-1:14 (R2022) - Medical electrical equipment - Part 1: General requirements for basic safety and essential performance - Third Edition

IEC 62368-1:2018 - Audio/video, information and communication technology equipment – Part 1: Safety requirements - Edition 3.0

CAN/CSA C22.2 No. 61010-1-12; UPD1:2015; UPD2:2016; AMD1:2018 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements

CSA C22.2 No. 62368-1:19+Upd.1 (Third Edition) - Audio/video, information and communication technology equipment — Part 1: Safety requirements - Third Edition; Update No. 1: October 2021

IEC 61010-1:2017 - Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements - Edition 3.1; Consolidated Reprint

IEC 60601-1:2005/AMD1:2012/AMD2:2020 - Medical electrical equipment – Part 1: General requirements for basic safety and essential performance - Edition 3.2; Consolidated Reprint; Incorporates Amendment 1: 2012, Corrigenda 1: 12/2012, Corrigenda to Amendment 1: 07/2014, Interpretation 1: 04/2008, Interpretation 2: 01/2009, and Interpretation 3: 05/2013 and Amendment 2: 08/2020

EN 62368-1: 2020/A11:2020 - Audio/video, information and communication technology equipment - Part 1: Safety requirements - Incorporates Amendment A11: 2020



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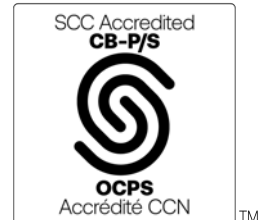
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**Notes:**

Products certified under Class C907330 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)



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