



# Certificate of Compliance

**Certificate:** 2313721

**Master Contract:** 205078

**Project:** 80006715

**Date Issued:** 2019-10-31

**Issued To:** Analog Devices Inc.  
804 Woburn St  
Wilmington, Massachusetts, 01887-3462  
United States

**Attention:** Mark Cantrell

*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 Magnetic Coupling Devices:

Device (SOIC 16W RW package)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ADM2484EyRWZ	5.0	85	CSA 14-18 Tbl 35, 6.2.1.1, 6.2.1.1/6.2.12, 6.8.1.1, 6.21.4.1 60950-1-07+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1-14 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 5.4.9.1, 4.1.2 61010-1-12+A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10  IEC	-	-	7.8



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Device (SOIC 16W RW package)	Ratings		Standard/Notice and Clauses	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
			60950-1 2nd Ed.,+A1+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1:2014 Ed. 2 5.4.3, 5.4.2, 5.4.4.4, 5.4.7, 5.4.1.5.3, 5.4.9.1, 4.1.2 61010-1 3 <sup>rd</sup> Ed A1 K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10  EN 60950-1:2006+A1+A12+A2 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2 62368-1:2014/A11:2017 2.10.3.3, 2.10.4.2, 2.10.4.3, 2.10.5.4a, 2.10.11, 4.5.2, 5.2			

where suffix y may be A, B or C differentiating devices with different performance grades. Z, if used, indicates the lead-free version. Suffix EP at the end of the base part number indicates lower extended temperature capability to -55C with a NiPdAu lead finish. Further suffix letters or digits differentiate shipping package formats.

**Notes:**

1. These devices meet basic insulation requirements for 780Vrms for CSA 60950-1-07+A1+A2, CSA 62368-1-14, IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2, IEC 62368-1:2014, EN 60950-1+A1+A12+A2 and EN 62368-1:2014/A11:2017. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 390Vrms for CSA 60950-1-07+A1+A2, CSA 62368-1-14, IEC 60950-1 2<sup>nd</sup> Ed.+A1+A2, IEC 62368-1:2014, EN 60950-1+A1+A12+A2 and EN 62368-1:2014/A11:2017. (pollution degree 2, material group III)
3. For CSA 61010-1-12+A1 and IEC 61010-1 3<sup>rd</sup> Ed. for 600Vrms, overvoltage category III for basic and 300Vrms, overvoltage category III for reinforced insulation, the devices meet clauses K.3, K.4, 6.7.1.3, 6.7.2.2.2 A.17, K.6x1.6, K.7x1.6, 10. The risk management process is not applicable to these clauses. (pollution degree 2, material group III)
4. Case material: Multiple mold compounds have been evaluated. All meet at least material group II.
5. Evaluated by thermal cycling and other tests for a temperature rating of 85C.
6. 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).



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80006715	2019-10-31	Update for reduced spacing lead frame
000070098170	2016-09-26	Alternative lead frame and moulding compound
000070056584	2016-01-15	Addition of notes and material group for table
0002313721	2010-09-20	Original Component Acceptance