



# Certificate of Compliance

**Certificate:** 1526865

**Master Contract:** 205078

**Project:** 80067388

**Date Issued:** 2021-06-14

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

**Attention:** Yi Yuan

*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 and non-optical isolating devices

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)
AD7400yRWZ AD7401yRWZ AD7400AyRWZ AD7401AyRWZ	3.75	125	CSA 14-18 tb35, 6.21.4.1, 6.2.1/6.2.12, 6.8.1 62368-1:19 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  IEC	-	-	7.8



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	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
			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  EN 62368-1:2020 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			

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 62368-1:19. IEC 62368-1:2018 Ed. 3 and EN62368-1:2020. (pollution degree 2, material group III)
2. These devices meet reinforced insulation requirements for 390Vrms for CSA 62368-1:19. IEC 62368-1:2018 Ed. 3 and EN62368-1:2020. (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 125C.
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).

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.



## *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>
80067388	2021-06-14	Update to 1526865 for 62368-1 Ed 3 and removal of EME-6600H
000070098162	2016-09-26	Alternative lead frame and moulding compound
0001998085	2008-01-18	Addition of AD7400A and AD7401A to 1526865
0001721459	2006-01-26	Change of thickness of isolating material to 0.020mm and minor changes to construction.
0001526865	2005-01-12	Original Certification (originally issued April 13, 2004, but updated for report corrections January 12, 2005)