

CERTIFICATE OF COMPLIANCE

Certificate Number 20161031-E214100
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Issued to: ANALOG DEVICES INC
804 WOBURN ST
WILMINGTON MA 01887-3494

**This is to certify that
representative samples of**


COMPONENT - NONOPTICAL ISOLATING DEVICES
USR – Single Protection Non-Optical Isolator, Models
ADM2795EARWZ and ADM2795EBRWZ.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1577, Optical Isolators

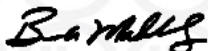
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Bruce Mahrenholz, Director North American Certification Program

UL LLC

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File E214100
Project 4787465413

October 27, 2016

REPORT

on

COMPONENT - Nonoptical Isolating Devices

ANALOG DEVICE INC.
WILMINGTON, MA

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DESCRIPTION

PRODUCT COVERED:

USR - Single Protection Non-Optical Isolator, Models ADM2795EARWZ and ADM2795EBRWZ.

MAXIMUM RATINGS PER SIDE (at 25°C ambient) (§):

Model	Current (mA)		Power (mW)		Isolation Voltage at 60 sec (Vrms)	Max Operating Ambient Temp (°C)	Max Junction Temp (°C)	Max Storage Temp (°C)	Max Data Rate, Mbps
	Encoder (Side 1)	Decoder (Side 2)	Encoder (Side 1)	Decoder (Side 2)					
ADM2795E ARWZ	10	130	55	125	5000	125	130	150	2.5
ADM2795E BRWZ	10	130	55	125	5000	125	130	150	2.5

(§) - For ambient temperatures higher than 25°C and up to T_{moa}, refer to manufacturer's specifications and/or thermal derating curve data for complete electrical ratings.

GENERAL:

These non-optical isolator devices consist of a transmitter coupled to a receiver. The transmitter and receiver are separated by an insulating barrier. Internal chips are connected to lead frames that are molded into the enclosure.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in products where the acceptability of the combination is determined by UL LLC.

USR indicates this product was investigated under the UL Standard for Safety for Optical Isolators, UL 1577, Fifth Edition.

CNR indicates this product was investigated under the Canadian Certification Notice, CSA Component Acceptance Service No. 5A.

Conditions of Acceptability - Each device shall be reviewed with respect to the following conditions of acceptability:

1. The capability of the device to control a load has not been investigated.
2. These devices should be installed in a suitable end product enclosure.
3. The maximum junction temperature shall not be exceeded.
4. For single protection devices, the insulation to the case has not been evaluated. For double protection devices, the insulation to the case has been evaluated to the isolation voltage specified in the ratings table.
5. In addition to meeting single protection requirements, double protection optical isolators have also been investigated for use in up to 250 V, 50/60 Hz circuits in audio, video, and similar equipment in applications in which breakdown of the optical isolator may result in a risk of fire, electrical shock, or injury to persons.

CONSTRUCTION DETAILS:

General - The product shall be constructed in accordance with the following description. All dimensions are approximate, unless specified as "max" or "min".

Markings - As specified in the Section General.