



America

# CERTIFICATE

No. U8V 16 03 77311 011

**Holder of Certificate:** Texas Instruments Incorporated

13570 North Central Expressway, MS 3928  
Dallas TX 75243  
USA

**Production Facility(ies):** 77320

**Certification Mark:**



**C US**

**Product:** Information Technology Equipment  
Digital Isolator

**Model(s):** ISO7810, ISO7810F, ISO7820, ISO7820F,  
ISO7821, ISO7821F, ISO7830, ISO7830F,  
ISO7831, ISO7831F, ISO7840, ISO7840F,  
ISO7841, ISO7841F, ISO7842, ISO7842F  
(see certificate attachment for additional  
model and rating information.)

**Parameters:** Rated Input Voltage: 5700 VRMS / 8000 VPK  
Reinforced Isolation

**Tested according to:** CAN/CSA C22.2 No.60950-1:2007/A1:2011  
UL 60950-1:2007/R:2011-12  
EN 60950-1:2006/A12:2011  
CAN/CSA C22.2 No. 61010-1:2012  
UL 61010-1:2012  
EN 61010-2:2010

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in anyway. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC Guide 67. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

**Test report no.:** 72112853-000

**Date,** 2016-03-24

Page 1 of 3



## Attachment to Certificate U8V 16 03 77311 011

Texas Instruments Incorporated  
13570 North Central Expressway M/S 3928  
Dallas, TX 75243



America

**Models and accessories:**

ISO7810, ISO7810F, ISO7820, ISO7820F, ISO7821, ISO7821F, ISO7830, ISO7830F, ISO7831, ISO7831F, ISO7840, ISO7840F, ISO7841, ISO7841F, ISO7842, ISO7842F  
followed by package designators, DW or DWW, and optional tape & reel packing designator, R.

**Standard: 60950-1**

P/N	# of Channels	Package	Body Size	Maximum Reinforced Isolation Working Voltage
ISO7810, ISO7810F	Single	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS
ISO7820, ISO7820F	Dual	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS
ISO7821, ISO7821F	Dual	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS
ISO7830, ISO7830F	Triple	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS
ISO7831, ISO7831F	Triple	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS
ISO7840, ISO7840F	Quad	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS
ISO7841, ISO7841F	Quad	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS
ISO7842, ISO7842F	Quad	Wide SOIC, DW (16)	10.30mm x 7.50mm	800 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1450 VRMS

Test Report No: 72112853-000

Date, 2016-03-xx  
U8V 16 03 77311 011



Page 2 of 3

## Attachment to Certificate U8V 16 03 77311 011

Texas Instruments Incorporated  
13570 North Central Expressway M/S 3928  
Dallas, TX 75243

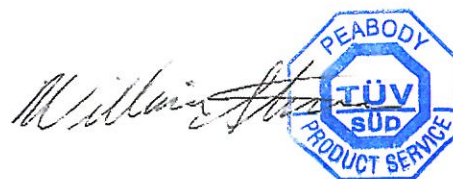


## Standard 61010-1

P/N	# of Channels	Package	Body Size	Maximum Reinforced Isolation Working Voltage
ISO7810, ISO7810F	Single	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS
ISO7820, ISO7820F	Dual	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS
ISO7821, ISO7821F	Dual	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS
ISO7830, ISO7830F	Triple	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS
ISO7831, ISO7831F	Triple	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS
ISO7840, ISO7840F	Quad	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS
ISO7841, ISO7841F	Quad	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS
ISO7842, ISO7842F	Quad	Wide SOIC, DW (16)	10.30mm x 7.50mm	600 VRMS
		Extra Wide SOIC, DWW (16)	10.30mm x 14.0mm	1000 VRMS

Test Report No: 72112853-000

Date, 2016-03-xx  
U8V 16 03 77311 011



Page 3 of 3