



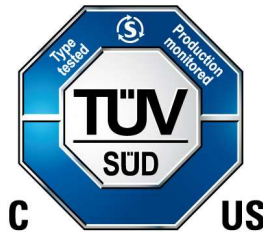
America

CERTIFICATE

No. U10 077311 0021 Rev. 00

Holder of Certificate: **Texas Instruments Incorporated**
13570 North Central Expressway, MS 3928
Dallas TX 75243
USA

Certification Mark:



Product: Audio/Video, Information and Communication technology equipment
Digital Isolator

Tested according to:

CSA C22.2 No. 60950-1:2007/A2:2014-10
UL 60950-1:2007/A2:2014

CSA C22.2 No. 62368-1:2014
UL 62368-1:2014

CSA C22.2 No. 61010-1:2012/A1:2018-11
UL 61010-1:2012/R2019-07

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. The certificate holder shall not transfer this certificate to third parties. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". For Canadian standards TÜV SÜD America Inc. is accredited by the Standards Council of Canada to ISO/IEC 17065.

Test report no.: 72147328-300

Date, 2022-04-14

(William J. Stinson)



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CERTIFICATE

No. U10 077311 0021 Rev. 00

Model(s): ISO, ISOU, SN0 series

Brand Name(s): TI

Models:

ISO1211	ISO1211S	ISO1212	ISO1212S	ISO1042
ISO1042B	ISO1042-Q1	ISO1042B-Q1	ISO1410	ISO1410B
ISO1412	ISO1412B	ISO1430	ISO1430B	ISO1432
ISO1432B	ISO1450	ISO1450B	ISO1452	ISO1452B
ISO1500	ISO7041	ISO7041F	ISO7741S	ISO7742S
ISO7741E-Q1	ISOW7840	ISOW7841	ISOW7842	ISOW7843
ISOW7844	ISO7810	ISO7820	ISO7821	ISO7830
ISO7831	ISO7840	ISO7841	ISO7842	ISO7820LL
ISO7821LL	ISO7821LLS	ISO5851	ISO5851-Q1	ISO5852S
ISO5852S-Q1	ISO5451	ISO5451-Q1	ISO5452	ISO5452-Q1
ISO7710	ISO7710-Q1	ISO7720	ISO7720-Q1	ISO7721
ISO7721-Q1	ISO7721S	ISO7730	ISO7730-Q1	ISO7731
ISO7731-Q1	ISO7740	ISO7740-Q1	ISO7741	ISO7741-Q1
ISO7742	ISO7742-Q1	SN005721	ISOW7820	ISOW7821
ISOW7822	ISOW7820-Q1	ISOW7821-Q1	ISOW7822-Q1	ISOW7840-Q1
ISOW7841-Q1	ISOW7842-Q1	ISOW7843-Q1	ISOW7844-Q1	ISO7760
ISO7761	ISO7762	ISO7763	ISO7760-Q1	ISO7761-Q1
ISO7762-Q1	ISO7763-Q1	ISOW7841A-Q1	ISO6731	ISO6731-Q1
ISO6740	ISO6740-Q1	ISO6741	ISO6741-Q1	ISO6742
ISO6742-Q1	ISO6720,	ISO6720-Q1	ISO6721	ISO6721-Q1
ISO6720B	ISO6720B-Q1	ISO6721B	ISO6721B-Q1	ISO1640B
ISO1640B-Q1	ISO1641B	ISO1641B-Q1	ISO1044B	ISO7021
ISOW1412	ISOW7740	ISOW7741	ISOW7742	ISOW7743
ISOW7744	ISO7041-Q1	ISO6721RB	ISO6721RFB	ISO6721RB-Q1
ISO6721RFB-Q1	ISOW1432	ISOW1412B	ISOW1432B	ISOW1044
ISOW1044B	ISOW7741B	ISO1640	ISO1641	ISO1642
ISO1643	ISO1644	ISO1640-Q1	ISO6760	ISO6760-Q1
ISO6761	ISO6761-Q1	ISO6762	ISO6762-Q1	ISO6763
ISO6763-Q1	ISO6760L	ISO6760LN	ISOUSB211	ISOUSB211B
ISOUSB111	ISOUSB111B			

followed by package designators, DP, DW, DWE, DWW, D, DBQ, DWV, or DFM

R = Optional tape & reel packing designator,

F = Optional default state output designator

B = Basic insulating designator for some models

Q = Optional automotive grade indicator

S = Optional suffix to indicate lead frame finish



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Parameters:

P/N	Package	Cl, Cr	Maximum Isolation Working Voltage	
			UL/CSA 60950-1 UL/CSA 62368-1	UL/CSA 61010-1
ISO7810, ISO7820, ISO7821, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, ISO7820LL, ISO7821LL, ISO7821LLS, ISO5851, ISO5851-Q1, ISO5852S, ISO5852S-Q1, ISO5451, ISO5451-Q1, ISO5452, ISO5452-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7810, ISO7820, ISO7821, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, ISO7820LL, ISO7821LL, ISO7821LLS	DWW	Cl 14.5 mm, Cr 14.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1450V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1000V _{RMS}
SN005721 in DW package	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1, ISO7730, ISO7730-Q1, ISO7731, ISO7731-Q1, ISO7740, ISO7740-Q1, ISO7741, ISO7741-Q1, ISO7742, ISO7742-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW7840, ISOW7841, ISOW7842, ISOW7843, ISOW7844, ISOW7840-Q1, ISOW7841-Q1, ISOW7842- Q1, ISOW7843-Q1, ISOW7844-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 VRMS / 7071V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 VRMS / 7071V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1, ISO7721S	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO7730, ISO7730-Q1, ISO7731, ISO7731-Q1, ISO7740, ISO7740-Q1, ISO7741S, ISO7742S, ISO7741, ISO7741-Q1, ISO7742, ISO7742-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 370V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO1211, ISO1211S	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1212, ISO1212S	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of



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			400V _{RMS}	300V _{RMS}
ISO1500, ISO7041, ISO7041F, ISO7041-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042, ISO1042-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042B, ISO1042B-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1042, ISO1042-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 850V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042B, ISO1042B-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1410, ISO1412, ISO1430, ISO1432, ISO1450, ISO1452	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1410B, ISO1412B, ISO1430B, ISO1432B, ISO1450B, ISO1452B	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO7741E-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7741-Q1	DWW	Cl 14.5 mm, Cr 14.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1450V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1000V _{RMS}
ISOW7820, ISOW7821, ISOW7822, ISO7820-Q1, ISOW7821-Q1, ISOW7822- Q1	DWE	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7760, ISO7761, ISO7762, ISO7763, ISO7760-Q1, ISO7761-Q1, ISO7762-Q1, ISO7763-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 370V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO7760, ISO7761, ISO7762, ISO7763, ISO7760-Q1, ISO7761-Q1, ISO7762-Q1, ISO7763-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}



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ISOW7841A-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6731, ISO6731-Q1, ISO6740, ISO6740-Q1, ISO6741, ISO6741-Q1, ISO6742, ISO6742-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6720, ISO6720-Q1, ISO6721, ISO6721-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6720B, ISO6720B-Q1, ISO6721B, ISO6721B-Q1, ISO6721RB, ISO6721RFB, ISO6721RB-Q1, ISO6721RFB-Q1	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1640B, ISO1640B-Q1, ISO1641B, ISO1641B-Q1	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1044B	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO7021	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISOW1412, ISOW1432	DFM	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW1412B, ISOW1432B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOW1044	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW1044B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOW7740, ISOW7741, ISOW7742, ISOW7743, ISOW7744	DFM	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}



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ISOW7741B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1640, ISO1641, ISO1642, ISO1643, ISO1644, ISO1640-Q1	DW	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6760, ISO6760-Q1, ISO6761, ISO6761-Q1, ISO6762, ISO6762-Q1, ISO6763, ISO6763-Q1, ISO6760L, ISO6760LN	DW	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOUSB211	DP	Cl 8, Cr 8	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOUSB211B	DP	Cl 8, Cr 8	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOUSB111	DW	Cl 8, Cr 8	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOUSB111B	DW	Cl 8, Cr 8	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}



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No. Z1US 077311 0022 Rev. 00

Holder of Certificate: **Texas Instruments Incorporated**
13570 North Central Expressway, MS 3928
Dallas TX 75243
USA

Certification Mark:



Product: Audio/Video, Information and Communication technology equipment
Digital Isolator

Model(s): ISO, ISOU, SN0 series

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. For details see www.tuvsud.com/ps-cert

Test report no.: 72147328-300

Valid until: 2027-03-29

Date, 2022-04-14

(William J. Stinson)

CERTIFICATE

No. Z1US 077311 0022 Rev. 00

Brand Name: TI

Tested according to: EN 60950-1:2006/A2:2013
EN 62368-1:2014/A11:2017
EN 61010-1:2010/A1:2019

Models:

ISO1211	ISO1211S	ISO1212	ISO1212S	ISO1042
ISO1042B	ISO1042-Q1	ISO1042B-Q1	ISO1410	ISO1410B
ISO1412	ISO1412B	ISO1430	ISO1430B	ISO1432
ISO1432B	ISO1450	ISO1450B	ISO1452	ISO1452B
ISO1500	ISO7041	ISO7041F	ISO7741S	ISO7742S
ISO7741E-Q1	ISOW7840	ISOW7841	ISOW7842	ISOW7843
ISOW7844	ISO7810	ISO7820	ISO7821	ISO7830
ISO7831	ISO7840	ISO7841	ISO7842	ISO7820LL
ISO7821LL	ISO7821LLS	ISO5851	ISO5851-Q1	ISO5852S
ISO5852S-Q1	ISO5451	ISO5451-Q1	ISO5452	ISO5452-Q1
ISO7710	ISO7710-Q1	ISO7720	ISO7720-Q1	ISO7721
ISO7721-Q1	ISO7721S	ISO7730	ISO7730-Q1	ISO7731
ISO7731-Q1	ISO7740	ISO7740-Q1	ISO7741	ISO7741-Q1
ISO7742	ISO7742-Q1	SN005721	ISOW7820	ISOW7821
ISOW7822	ISOW7820-Q1	ISOW7821-Q1	ISOW7822-Q1	ISOW7840-Q1
ISOW7841-Q1	ISOW7842-Q1	ISOW7843-Q1	ISOW7844-Q1	ISO7760
ISO7761	ISO7762	ISO7763	ISO7760-Q1	ISO7761-Q1
ISO7762-Q1	ISO7763-Q1	ISOW7841A-Q1	ISO6731	ISO6731-Q1
ISO6740	ISO6740-Q1	ISO6741	ISO6741-Q1	ISO6742
ISO6742-Q1	ISO6720,	ISO6720-Q1	ISO6721	ISO6721-Q1
ISO6720B	ISO6720B-Q1	ISO6721B	ISO6721B-Q1	ISO1640B
ISO1640B-Q1	ISO1641B	ISO1641B-Q1	ISO1044B	ISO7021
ISOW1412	ISOW7740	ISOW7741	ISOW7742	ISOW7743
ISOW7744	ISO7041-Q1	ISO6721RB	ISO6721RFB	ISO6721RB-Q1
ISO6721RFB-Q1	ISOW1432	ISOW1412B	ISOW1432B	ISOW1044
ISOW1044B	ISOW7741B	ISO1640	ISO1641	ISO1642
ISO1643	ISO1644	ISO1640-Q1	ISO6760	ISO6760-Q1
ISO6761	ISO6761-Q1	ISO6762	ISO6762-Q1	ISO6763
ISO6763-Q1	ISO6760L	ISO6760LN	ISOUSB211	ISOUSB211B
ISOUSB111	ISOUSB111B			

followed by package designators, DP, DW, DWE, DWW, D, DBQ, DWV, or DFM
R = Optional tape & reel packing designator,
F = Optional default state output designator
B = Basic insulating designator for some models
Q = Optional automotive grade indicator
S = Optional suffix to indicate lead frame finish



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Parameters:

P/N	Package	Cl, Cr	Maximum Isolation Working Voltage	
			EN 60950-1 EN 62368-1	EN 61010-1
ISO7810, ISO7820, ISO7821, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, ISO7820LL, ISO7821LL, ISO7821LLS, ISO5851, ISO5851-Q1, ISO5852S, ISO5852S-Q1, ISO5451, ISO5451-Q1, ISO5452, ISO5452-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7810, ISO7820, ISO7821, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, ISO7820LL, ISO7821LL, ISO7821LLS	DWW	Cl 14.5 mm, Cr 14.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1450V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1000V _{RMS}
SN005721 in DW package	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1, ISO7730, ISO7730-Q1, ISO7731, ISO7731-Q1, ISO7740, ISO7740-Q1, ISO7741, ISO7741-Q1, ISO7742, ISO7742-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW7840, ISOW7841, ISOW7842, ISOW7843, ISOW7844, ISOW7840- Q1, ISOW7841-Q1, ISOW7842-Q1, ISOW7843-Q1, ISOW7844-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 VRMS / 7071VPK Reinforced Isolation at a working voltage of 800V _{RMS}	5000 VRMS / 7071VPK Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1, ISO7721S	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO7730, ISO7730-Q1, ISO7731, ISO7731-Q1, ISO7740, ISO7740-Q1, ISO7741S, ISO7742S, ISO7741, ISO7741-Q1, ISO7742, ISO7742-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 370V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO1211, ISO1211S	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1212, ISO1212S	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1500, ISO7041,	DBQ	Cl 3.7 mm,	3000 V _{RMS} / 4242 V _{PK}	3000 V _{RMS} / 4242 V _{PK}



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ISO7041F, ISO7041-Q1		Cr 3.7 mm	Basic Isolation at a working voltage of 400V _{RMS}	Basic Isolation at a working voltage of 300V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042, ISO1042-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042B, ISO1042B-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1042, ISO1042-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 850V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042B, ISO1042B-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1410, ISO1412, ISO1430, ISO1432, ISO1450, ISO1452	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1410B, ISO1412B, ISO1430B, ISO1432B, ISO1450B, ISO1452B	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO7741E-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7741-Q1	DWW	Cl 14.5 mm, Cr 14.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1450V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1000V _{RMS}
ISOW7820, ISOW7821, ISOW7822, ISO7820-Q1, ISOW7821-Q1, ISOW7822-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7760, ISO7761, ISO7762, ISO7763, ISO7760-Q1, ISO7761-Q1, ISO7762-Q1, ISO7763-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 370V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO7760, ISO7761, ISO7762, ISO7763, ISO7760-Q1, ISO7761-Q1, ISO7762-Q1, ISO7763-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW7841A-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6731, ISO6731-Q1,	DW	Cl 8 mm,	5000 V _{RMS} / 7071 V _{PK}	5000 V _{RMS} / 7071 V _{PK}



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No. Z1US 077311 0022 Rev. 00

ISO6740, ISO6740-Q1, ISO6741, ISO6741-Q1, ISO6742, ISO6742-Q1		Cr 8 mm	Reinforced Isolation at a working voltage of 600V _{RMS}	Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6720, ISO6720-Q1, ISO6721, ISO6721-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6720B, ISO6720B- Q1, ISO6721B, ISO6721B-Q1, ISO6721RB, ISO6721RFB, ISO6721RB-Q1, ISO6721RFB-Q1	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1640B, ISO1640B- Q1, ISO1641B, ISO1641B-Q1	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1044B	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO7021	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISOW1412, ISOW1432	DFM	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW1412B, ISOW1432B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOW1044	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW1044B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOW7740, ISOW7741, ISOW7742, ISOW7743, ISOW7744	DFM	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW7741B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1640, ISO1641, ISO1642, ISO1643, ISO1644, ISO1640-Q1	DW	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6760, ISO6760-Q1, ISO6761, ISO6761-Q1,	DW	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a



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ISO6762, ISO6762-Q1, ISO6763, ISO6763-Q1, ISO6760L, ISO6760LN			working voltage of 600V _{RMS}	working voltage of 600V _{RMS}
ISOUSB211	DP	Cl 8, Cr 8	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOUSB211B	DP	Cl 8, Cr 8	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOUSB111	DW	Cl 8, Cr 8	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOUSB111B	DW	Cl 8, Cr 8	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}

Technical Report No.: 72147328-300

Date: 2022-03-31

Client: Texas Instruments Incorporated (#77311)
13570 North Central Expressway M/S 3928,
Dallas, TX 75243

Texas Instruments Taiwan Limited (#77320)
#142, Sec 1, Hsin-Nan Rd, Chung-Ho,
New Taipei, Taiwan

Factory: Texas Instruments Malaysia Sdn Bhd (#105715)
No. 1, Lorong Engang 33, Ampang /Ulu, Klang Free Trade Zone,
Kuala Lumpur, 54200, Kuala Lumpur, WP Kuala Lumpur, 54200,
Malaysia

Product: Digital Isolator

Test object:

ISO1211, ISO1211S, ISO1212, ISO1212S, ISO1042, ISO1042B, ISO1042-Q1, ISO1042B-Q1, ISO1410, ISO1410B, ISO1412, ISO1412B, ISO1430, ISO1430B, ISO1432, ISO1432B, ISO1450, ISO1450B, ISO1452, ISO1452B, ISO1500, ISO7041, ISO7041F, ISO7741S, ISO7742S, ISO7741E-Q1, ISOW7840, ISOW7841, ISOW7842, ISOW7843, ISOW7844, ISO7810, ISO7820, ISO7821, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, ISO7820LL, ISO7821LL, ISO7821LLS, ISO5851, ISO5851-Q1, ISO5852S, ISO5852S-Q1, ISO5451, ISO5451-Q1, ISO5452, ISO5452-Q1, ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1, ISO7721S, ISO7730, ISO7730-Q1, ISO7731, ISO7731-Q1, ISO7740, ISO7740-Q1, ISO7741, ISO7741-Q1, ISO7742, ISO7742-Q1, SN005721, ISOW7820, ISOW7821, ISOW7822, ISOW7820-Q1, ISOW7821-Q1, ISOW7822-Q1, ISOW7840-Q1, ISOW7841-Q1, ISOW7842-Q1, ISOW7843-Q1, ISOW7844-Q1, ISO7760, ISO7761, ISO7762, ISO7763, ISO7760-Q1, ISO7761-Q1, ISO7762-Q1, ISO7763-Q1, ISOW7841A-Q1, ISO6731, ISO6731-Q1, ISO6740, ISO6740-Q1, ISO6741, ISO6741-Q1, ISO6742, ISO6742-Q1, ISO6720, ISO6720-Q1, ISO6721, ISO6721-Q1, ISO6720B, ISO6720B-Q1, ISO6721B, ISO6721B-Q1, ISO1640B, ISO1640B-Q1, ISO1641B, ISO1641B-Q1, ISO1044B, ISO7021, ISOW1412, ISOW7740, ISOW7741, ISOW7742, ISOW7743, ISOW7744, ISO7041-Q1, ISO6721RB, ISO6721RFB, ISO6721RB-Q1, ISO6721RFB-Q1, ISOW1432, ISOW1412B, ISOW1432B, ISOW1044, ISOW1044B, ISOW7741B, ISO1640, ISO1641, ISO1642, ISO1643, ISO1644, ISO1640-Q1, ISO6760, ISO6760-Q1, ISO6761, ISO6761-Q1, ISO6762, ISO6762-Q1, ISO6762-Q1, ISO6763, ISO6763-Q1, ISO6760L, ISO6760LN, ISOUSB211, ISOUSB211B, ISOUSB111, ISOUSB111B; followed by package designators, DP, DW, DWE, DWW, D, DBQ, DWV, or DFM

Model:

R = Optional tape & reel packing designator,
F = Optional default state output designator
B = Basic insulating designator for some models
Q = Optional automotive grade indicator
S = Optional suffix to indicate lead frame finish

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Test specification: EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013,
CSA-C22.2 No. 60950-1/A2:2014,
UL60950-1/A2:2014,
EN 61010-1:2010/A1:2019
UL 61010-1:2012/ + R:2015-07 + R:2016-04 + R:2018-11-16 + R:2018-11-21 +
R:2019-07,
CSA-C22.2 No. 61010-1:2012/ + U1:2015-07 + U2:2016-04 + A1:2018-11,
EN 62368-1:2014+A11:2017
CSA C22.2 No. 62368-1:2014
UL 62368-1:2014

Purpose of examination:

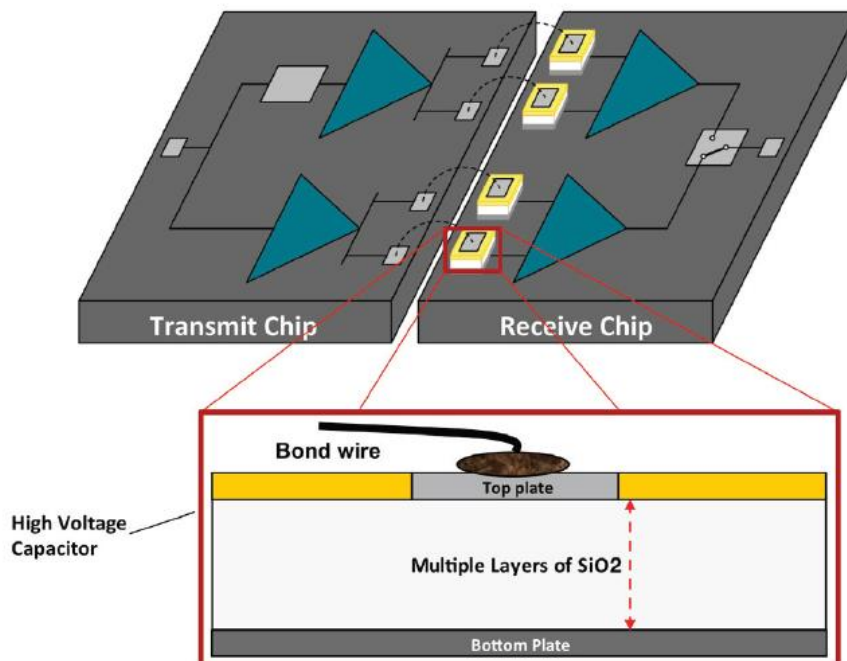
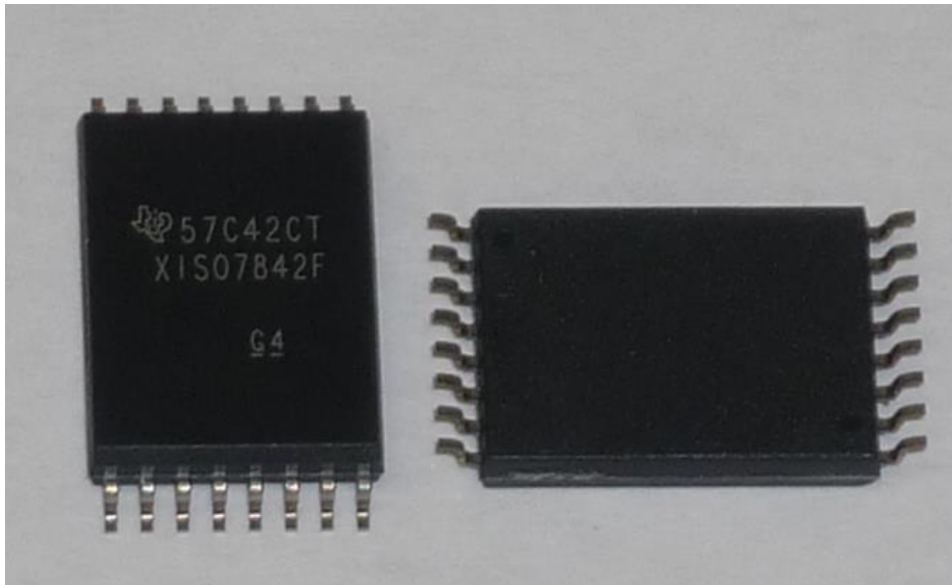
- Testing and evaluation (visual) according to the test specification

Test result: Add Factory Location Texas Instruments Malaysia (#105715).
Add Alt models ISO7041-Q1, ISO6721RB, ISO6721RFB,
ISO6721RB-Q1, ISO6721RFB-Q1, ISOW1432, ISOW1412B,
ISOW1432B, ISOW1044, ISOW1044B, ISOW7741B, ISO1640,
ISO1641, ISO1642, ISO1643, ISO1644, ISO1640-Q1, ISO6760,
ISO6760-Q1, ISO6761, ISO6761-Q1, ISO6762, ISO6762-Q1,
ISO6763, ISO6763-Q1, ISO6760L, ISO6760LN, ISOUSB211,
ISOUSB211B, ISOUSB111, ISOUSB111B.
Update Critical Component Table to include alternate approved
Epoxy. Testing includes 30 Day Thermal Cycling, Thermal Ageing
and Hipot Testing.

Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question. It does not imply a general statement regarding the quality of products from regular production. For further details please see testing and certification regulation, chapter A-3.4.

1. Description of the test object

1.1 Picture(s)



1.2 Function

The ISO5XXX, ISO7XXX, ISO1XXX, ISO6XXX, ISOUSBXXX and P/N SNXXXX are families of high-performance isolators with up to 5700 V_{RMS} isolation voltage per UL 1577 and 8000 V_{PK} per VDE.

The devices are designed for reinforced isolation requirements and provide high electromagnetic immunity and low emissions at low power consumption, while isolating CMOS or LVCMOS digital I/O's. Each isolation channel has a logic input and output buffer separated by silicon dioxide (SiO₂) insulation barrier. These devices may come with EN pins on each side which can be used to tri-state the respective outputs for multi master driving applications and reduce power consumption. Used in conjunction with isolated power supplies, these devices prevent the creation of unintentional ground loops and their associated loop currents from interfering with sensitive circuitry. The devices are available in a 16-pin SOIC wide-body (DW), 16-pin SOIC extra wide-body (DWW), 8-pin SOIC narrow-body (D), 28-pin SSOP (DP), 8-pin SOIC Wide Body (DWV) and 16-pin QSOP (DBQ) packages.

The ISOW7XX families of isolators have an integrated DC-DC converter with up to 5000 V_{RMS} isolation voltage per UL 1577 and 7071 V_{PK} per VDE. The DC-DC converter in the ISOW784XX uses on-chip transformers separated by thin film polymer. The data channels of these devices are separated by silicon dioxide (SiO₂) insulation barrier. These devices are available in 16-pin SOIC wide-body (DWE) and 20-pin SOIC Wide Body (DFM) packages.

The ISO121XX are families of high-performance isolators with up to 3000V_{RMS} isolation voltage per UL 1577 and 4242V_{PK} per VDE. The devices are designed for basic isolation requirements and provide high electromagnetic immunity and low emissions at low power consumption, while isolating CMOS or LVCMOS digital I/O's. Each isolation channel has a logic input and output buffer separated by silicon dioxide (SiO₂) insulation barrier. These devices may come with EN pins on each side which can be used to tri-state the respective outputs for multi master driving applications and reduce power consumption. Used in conjunction with isolated power supplies, these devices prevent the creation of unintentional ground loops and their associated loop currents from interfering with sensitive circuitry. The devices are available in 8-pin SOIC narrow-body (D), and 16-pin QSOP (DBQ) packages

These are component level devices intended for building-in. They are not directly connected to mains. The entire package is molded over. This molding does not provide internal distance through insulation so TÜV SÜD America has performed 30 day thermal cycling as required by the applicable standard, see below.

The samples were subjected ten times to the following sequence of thermal cycling:

68 h at T1 ± 2 °C;
1 h at 25 °C ± 2 °C;
2 h at 0 °C ± 2 °C;
not less than 1 h at 25 °C ± 2 °C.

Manufacturer's specification for intended use:

According to the User Guide

Manufacturer's specification for predictive use:

According to the User Guide

1.3 Consideration of the foreseeable use

- ☐ Not applicable
- ☒ Covered through the applied standards
- ☐ Covered by the following comment*
- ☐ Covered by attached risk analysis

*

1.4 Technical Data

P/N	Package	Cl, Cr	Maximum Isolation Working Voltage	
			EN/UL/CSA 60950-1 EN/UL/CSA 62368-1	EN/UL/CSA 61010-1
ISO7810, ISO7820, ISO7821, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, ISO7820LL, ISO7821LL, ISO7821LLS, ISO5851, ISO5851-Q1, ISO5852S, ISO5852S-Q1, ISO5451, ISO5451-Q1, ISO5452, ISO5452-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7810, ISO7820, ISO7821, ISO7830, ISO7831, ISO7840, ISO7841, ISO7842, ISO7820LL, ISO7821LL, ISO7821LLS	DWW	Cl 14.5 mm, Cr 14.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1450V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1000V _{RMS}
SN005721 in DW package	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1, ISO7730, ISO7730-Q1, ISO7731, ISO7731-Q1, ISO7740, ISO7740-Q1, ISO7741, ISO7741-Q1, ISO7742, ISO7742-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW7840, ISOW7841, ISOW7842, ISOW7843, ISOW7844, ISOW7840-Q1, ISOW7841-Q1, ISOW7842-Q1, ISOW7843-Q1, ISOW7844-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 VRMS / 7071VPK Reinforced Isolation at a working voltage of 800V _{RMS}	5000 VRMS / 7071VPK Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1, ISO7721S	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO7730, ISO7730-Q1, ISO7731, ISO7731-Q1, ISO7740, ISO7740-Q1, ISO7741S, ISO7742S, ISO7741, ISO7741-Q1, ISO7742, ISO7742-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 370V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO1211, ISO1211S	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1212, ISO1212S	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1500, ISO7041, ISO7041F, ISO7041-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO7710, ISO7710-Q1, ISO7720, ISO7720-Q1, ISO7721, ISO7721-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}

ISO1042, ISO1042-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042B, ISO1042B-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1042, ISO1042-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 850V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1042B, ISO1042B-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1410, ISO1412, ISO1430, ISO1432, ISO1450, ISO1452	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO1410B, ISO1412B, ISO1430B, ISO1432B, ISO1450B, ISO1452B	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1060V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO7741E-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7741-Q1	DWW	Cl 14.5 mm, Cr 14.5 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1450V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 1000V _{RMS}
ISOW7820, ISOW7821, ISOW7822, ISO7820-Q1, ISOW7821-Q1, ISOW7822-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO7760, ISO7761, ISO7762, ISO7763, ISO7760-Q1, ISO7761-Q1, ISO7762-Q1, ISO7763-Q1	DBQ	Cl 3.7 mm, Cr 3.7 mm	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 370V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Reinforced Isolation at a working voltage of 300V _{RMS}
ISO7760, ISO7761, ISO7762, ISO7763, ISO7760-Q1, ISO7761-Q1, ISO7762-Q1, ISO7763-Q1	DW	Cl 8 mm, Cr 8 mm	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW7841A-Q1	DWE	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6731, ISO6731-Q1, ISO6740, ISO6740-Q1, ISO6741, ISO6741-Q1, ISO6742, ISO6742-Q1	DW	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6720, ISO6720-Q1, ISO6721, ISO6721-Q1	DWV	Cl 8.5 mm, Cr 8.5 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6720B, ISO6720B-Q1, ISO6721B, ISO6721B-Q1, ISO6721RB, ISO6721RFB, ISO6721RB-Q1, ISO6721RFB-Q1	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1640B, ISO1640B-Q1, ISO1641B, ISO1641B-Q1	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO1044B	D	Cl 4 mm, Cr 4 mm	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 400V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 300V _{RMS}
ISO7021	D	Cl 4 mm,	3000 V _{RMS} / 4242 V _{PK} Basic	3000 V _{RMS} / 4242 V _{PK} Basic

		Cr 4 mm	Isolation at a working voltage of 400V _{RMS}	Isolation at a working voltage of 300V _{RMS}
ISOW1412, ISOW1432	DFM	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW1412B, ISOW1432B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOW1044	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW1044B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOW7740, ISOW7741, ISOW7742, ISOW7743, ISOW7744	DFM	Cl 8 mm, Cr 8 mm	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOW7741B	DFM	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISO1640, ISO1641, ISO1642, ISO1643, ISO1644, ISO1640-Q1	DW	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISO6760, ISO6760-Q1, ISO6761, ISO6761-Q1, ISO6762, ISO6762-Q1, ISO6763, ISO6763-Q1, ISO6760L, ISO6760LN	DW	Cl 8, Cr 8	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}	5000 V _{RMS} / 7071 V _{PK} Reinforced Isolation at a working voltage of 600V _{RMS}
ISOUSB211	DP	Cl 8, Cr 8	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}
ISOUSB211B	DP	Cl 8, Cr 8	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}
ISOUSB111	DW	Cl 8, Cr 8	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}	5700 V _{RMS} / 8000 V _{PK} Reinforced Isolation at a working voltage of 800V _{RMS}
ISOUSB111B	DW	Cl 8, Cr 8	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}	3000 V _{RMS} / 4242 V _{PK} Basic Isolation at a working voltage of 1000V _{RMS}

2. Order

2.1 Date of Purchase Order, Customer's Reference

2021-12-09

2.2 Test Sample(s)

- Reception date(s): 2021-12-09
- Location(s) of reception: TUV SUD America, 10 Technology Drive, Peabody, MA 01960
- Condition of test sample(s): New

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Rev.:
Date: 2022-03-31

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2.3 Date(s) of Testing 2022-02-01 through 2022-03-28

2.4 Location(s) of Testing See 2.2

2.5 Points of Non-Compliance or Exceptions of the Test Procedure

- None

3. Test Results

3.1 Positive Test Results

Test specification(s)	Report no. / Rev. No.	Date	Remark
Electrical safety:	EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013, CSA-C22.2 No. 60950-1/A2:2014, UL60950-1/A2:2014, EN 61010-1:2010/A1:2019 UL 61010-1:2012/ + R:2015-07 + R:2016-04 + R:2018-11-16 + R:2018-11-21 + R:2019-07, CSA-C22.2 No. 61010-1:2012/ + U1:2015-07 + U2:2016-04 + A1:2018-11, EN 62368-1:2014+A11:2017 CSA C22.2 No. 62368-1:2014 UL 62368-1:2014	-	-

3.2 Points of Non-Compliance according to the test specification

- None

4. Remarks

4.1 General

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

4.2 Factory surveillance cycle

Your production facility is currently on a

- ☐ Annual (12 month)
☒ Bi-Annual (6 month)
☐ Quarterly (3 month)
☐

surveillance cycle.

4.3 Additional information for routine tests to be performed by the factory(ies)

Routine tests for electrical appliances / equipment:

Routine test requirements for production are described in **EN 62911:2018**

☒ Required

☐ Not Required

Reason for non-requirement:

☐ Class III product

☐ Other:

Test Details:

☒ Dielectric Strength

☐ Ground Continuity

☐ Insulation Resistance

Test Points:

BI: L/N – Chassis

RI: L/N – Secondary

AC-Inlet – Chassis
and/or

BI: L/N – Chassis

RI: L/N – Secondary

Test Values / Limit(s):

Model Dependent Vac /
Vdc

Vac / Vdc

A ; t ≥ 1 s ;

R < 0.1 Ohm (Ω)

Vdc

R > 2 MOhm (MΩ)

Vdc

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- | | | |
|--|-------------|----|
| ☐ Leakage Current | Ground - PE | mA |
| ☐ Touch Current | | mA |
| ☐ Polarity | | |
| ☒ Other: Dielectric Strength
is Model Dependent | | |

5. Documentation

File	File name	Date
Data form (CDF):	Kept on File	-
Photo documentation:	Kept on File	-
User manual:	Kept on File	-
Installation manual:	Kept on File	-

6. Summary

"The test specifications are met"

TÜV SÜD

Tested by:

Steven Skoropowski 
Engineer

Approved by:

William Stinson 
Technical Report Checked

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

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Applicant / Auftraggeber:

(#077311)

Texas Instruments Incorporated,

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

Manufacturer / Hersteller:

(#077311)

Texas Instruments Incorporated,

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

Authorized person / Bevollmächtigter

Saleem Marwat (marwat@ti.com)

Factory / Fertigungsstätte:

(#77320) (#105715)

Texas Instruments Taiwan Limited, #142, Sec 1, Hsin-Nan Rd, Chung-Ho

New Taipei, Taiwan

Texas Instruments Malaysia Sdn Bhd, No. 1, Lorong Engang 33, Ampang /Ulu,

Klang Free Trade Zone, Kuala Lumpur, 54200, Kuala Lumpur, WP Kuala Lumpur,

54200, Malaysia

Type of equipment / Geräteart:

Digital Isolator

Type/model / Typenbezeichnung:

ISO1211	ISO1211S	ISO1212	ISO1212S	ISO1042
ISO1042B	ISO1042-Q1	ISO1042B-Q1	ISO1410	ISO1410B
ISO1412	ISO1412B	ISO1430	ISO1430B	ISO1432
ISO1432B	ISO1450	ISO1450B	ISO1452	ISO1452B
ISO1500	ISO7041	ISO7041F	ISO7741S	ISO7742S
ISO7741E-Q1	ISOW7840	ISOW7841	ISOW7842	ISOW7843
ISOW7844	ISO7810	ISO7820	ISO7821	ISO7830
ISO7831	ISO7840	ISO7841	ISO7842	ISO7820LL
ISO7821LL	ISO7821LLS	ISO5851	ISO5851-Q1	ISO5852S
ISO5852S-Q1	ISO5451	ISO5451-Q1	ISO5452	ISO5452-Q1
ISO7710	ISO7710-Q1	ISO7720	ISO7720-Q1	ISO7721
ISO7721-Q1	ISO7721S	ISO7730	ISO7730-Q1	ISO7731
ISO7731-Q1	ISO7740	ISO7740-Q1	ISO7741	ISO7741-Q1
ISO7742	ISO7742-Q1	SN005721	ISOW7820	ISOW7821
ISOW7822	ISOW7820-Q1	ISOW7821-Q1	ISOW7822-Q1	ISOW7840-Q1
ISOW7841-Q1	ISOW7842-Q1	ISOW7843-Q1	ISOW7844-Q1	ISO7760
ISO7761	ISO7762	ISO7763	ISO7760-Q1	ISO7761-Q1
ISO7762-Q1	ISO7763-Q1	ISOW7841A-Q1	ISO6731	ISO6731-Q1
ISO6740	ISO6740-Q1	ISO6741	ISO6741-Q1	ISO6742
ISO6742-Q1	ISO6720,	ISO6720-Q1	ISO6721	ISO6721-Q1
ISO6720B	ISO6720B-Q1	ISO6721B	ISO6721B-Q1	ISO1640B
ISO1640B-Q1	ISO1641B	ISO1641B-Q1	ISO1044B	ISO7021
ISOW1412	ISOW7740	ISOW7741	ISOW7742	ISOW7743
ISOW7744	ISO7041-Q1	ISO6721RB	ISO6721RFB	ISO6721RB-Q1
ISO6721RFB-Q1	ISOW1432	ISOW1412B	ISOW1432B	ISOW1044
ISOW1044B	ISOW7741B	ISO1640	ISO1641	ISO1642
ISO1643	ISO1644	ISO1640-Q1	ISO6760	ISO6760-Q1
ISO6761	ISO6761-Q1	ISO6762	ISO6762-Q1	ISO6763
ISO6763-Q1	ISO6760L	ISO6760LN	ISOUSB211	ISOUSB211B
ISOUSB111	ISOUSB111B			

Test Report No. / Prüfbericht Nr.: 72147328-300

Place / Ort: Peabody

Date / Datum: 2022-03-23

Name of Project manager / Steven Skoropowski

Name Projektleiter:

Name, seal and signature of Certificate Holder / Saleem Marwat

Name, Stempel und Unterschrift des Zertifikathabers:

Form



Product Service

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

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followed by package designators, DP, DW, DWE, DWW, D, DBQ, DWV, or DFM.

R = Optional tape & reel packing designator,

F = Optional default state output designator,

B = Basic insulating designator for some models,

Q = Optional automotive grade indicator,

S = Optional suffix to indicate lead frame finish

Serial no. / Seriennr.:

-

Rated voltage/frequency / Nennspannung/Frequenz:

5700 VRMS / 8000 VPK

Reinforced isolation at a working voltage of 800 VRMS

(see certificate attachment for additional rating information)

Rated input power/current / Nennaufnahme/Nennstrom:

-

Connection to water installation / Anschlussdaten-Wasser:

-

Dimensions / Abmessungen [HxWxD / HxBxT]:

Package	Body Size
D (8)	4.90mm x 3.91mm
DBQ (16)	4.90mm x 4.90mm
DWV (8)	5.85mm x 7.50mm
DP, DW, DFM, DWE (16)	10.30mm x 7.50mm
DWW (16)	10.30mm x 14.0mm

Weight / Gewicht:

<1 [kg]

Noise emission / Lärmemission:

- [dB(A)]

Ambient temperature / Umgebungstemperatur

min.: -40°C max.: 125°C (Operating Temperature)



Operation / Einsatz:

< 2,000 m above sea level

/

< 2.000 m üNN



up to

m

/

bis zu

m



Classification of installation and use /:

Installation und Nutzung

Stationary

Ortsfest



Portable

Ortsveränderlich



Hand-held

Handgerät



Open-frame

Einbaugerät



For Building-in



Protection class / Schutzklasse:

I:

PE-connection

Schutzleiteranschluss



II:

Double insulation

Schutzisoliert



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Name of Project manager / Steven Skoropowski
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Name, seal and signature of Certificate Holder | *Salcom Marwat*

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Product Service

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	III:	SELV / internally powered	Schutzkleinspannung / interne Stromversorgung	☐	
Degree of protection / Schutzart/:	IP	X0		☒	
Degree of pollution / Verschmutzungsgrad:		1 ☐	2 ☒	3 ☐	4 ☐
Overvoltage category / Überspannungskategorie:		I ☐	II ☒	III ☐	IV ☐

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Place / Ort: Peabody

Date / Datum: 2022-03-23

Name of Project manager / Steven Skoropowski
Name Projektleiter:

Name, seal and signature of Certificate Holder / *Saleem Marwat*
Name, Stempel und Unterschrift des Zertifikatinhabers:

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

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Supply connection / Anschlussart:

Nondetachable cord

Feste Anschlussleitung

☐

Permanent connection

Fester Anschluss

☐

Appliance inlet

Gerätesteckvorrichtung

☐

Rated operation / Netzbetriebsart:

Continuous operation

Dauerbetrieb

☒

Intermittent operation

Aussetzbetrieb

☐

Short time operation

Kurzzeitbetrieb

☐

Additional information for Laser equipment, classification according to IEC/EN 60825

Zusätzliche Angaben für Laser, Klassifizierung nach IEC/EN 60825

Class / Klasse:

-

Wavelength / Wellenlänge:

-

Pulse duration / Pulsdauer:

-

Safety relevant components: (switches, temperature regulators, heating elements, plugs, sockets, wiring, capacitors, motors and other components with windings e.g. transformers, coils, emergency off devices, 2-hand-control-devices, interlock switches, safety light barriers, safety valves, programmable electronic controllers -PLC, hydraulic controllers, pneumatic controllers, Software (Revision), housing parts, materials with contact to food etc.

Components for Functional Safety shall be listed in appropriate table.

The entry of safety relevant components into this table documents and confirms review of suitability and acceptance by the product specialist.

Sicherheitsrelevante Bauteile: (Schalter, Temperaturregler, Heizkörper, Stecker, Fassungen, Leitungen, Kondensatoren, Motoren und sonstige Wicklungen z.B. Transformatoren, Magnetspulen, Not-Aus Geräte, 2-Handsteuerungen, Verriegelungsschalter, Sicherheits-Lichtschranken, Sicherheitsventile, Programmierbare Steuerungen-SPS, hydraulische Steuerungen, pneumatische Steuerungen, Software (Revisionsstand), Gehäuseteile, Materialien mit Kontakt zu Lebensmitteln usw.

Komponenten für Funktionale Sicherheit müssen in die entsprechende Tabelle eingetragen werden.

Der Eintrag sicherheitsrelevanter Komponenten in die Übersicht dokumentiert und bestätigt die Überprüfung der Eignung und Freigabe durch den „Product Specialist“.

Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity ¹⁾
Case (Outer Compound)			Epoxy Molding Compound, V-0 min.	UL 94	UL
A ternate Case (Outer Compound)			Epoxy Molding Compound, V-0 min.	UL 94	UL

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Name of Project manager / Steven Skoropowski
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Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

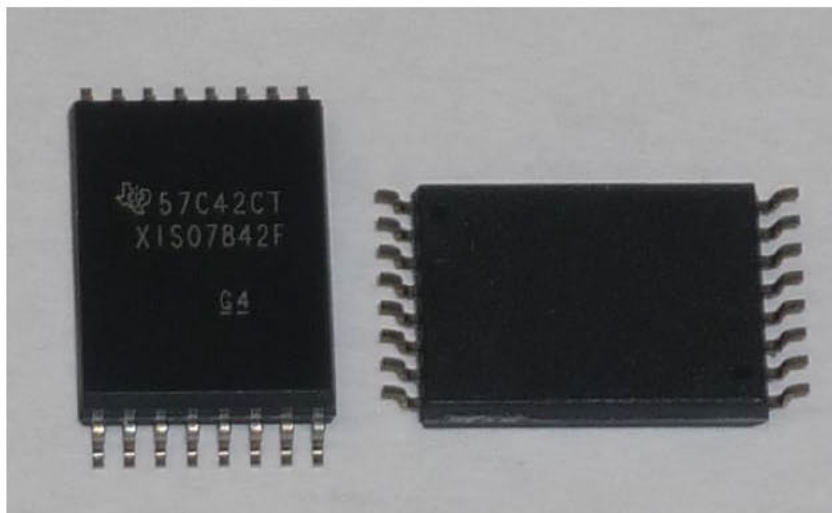
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Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity ¹⁾
Insulation Compound (Provides isolation between driver and receiver circuits)	—	—	Silicon Dioxide (SiO ₂) Capacitor minimum thickness of 0.021mm, 0.17mm, or 0.0105mm Transformer minimum thickness of 0.120mm	Tested in device	Insulation Compound (Provides isolation between driver and receiver circuits)
Lead Frame	—	—	Nickel-Palladium-Gold Plated Copper Alloy For ISO1211S, ISO1212S, & ISO77xxS, Matte-Sn Plated Copper Alloy	IEC 60950-1 2nd Edition	Tested in device.
Supplementary information: ¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039.					

Label / Typenschild


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Routine Safety Test

General example for electrical testing:

Final inspection requirements for production are described in: EN 50514:2014,

☒ Required

☐ Not Required

Reason:

☐ Class III product

☐ Other:

Test Details:

☒ Dielectric Strength

☐ Ground Continuity

☐ Insulation Resistance

☐ Leakage Current

☒ Other: Hipot test Value is Model
Dependent

Test Points:

BI: L/N – Chassis

RI: L/N – Secondary

AC-Inlet – Chassis

Test Values:

Model Dependent Vac / Vdc

Vac / Vdc

A, 1s, <0.1 Ohm (Ω)

Form ID: 37983 - Rev. 1 - Form Effective: 03 Apr 2020

Test Report No. / Prüfbericht Nr.: 72147328-300

Place / Ort: Peabody

Date / Datum: 2022-03-23

Name of Project manager / Steven Skoropowski
Name Projektleiter:

Name, seal and signature of Certificate Holder / *Saleem Marwat*
Name, Stempel und Unterschrift des Zertifikatinhabers:

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