



Certificate of Compliance

Certificate: 2350550

Master Contract: 220991

Project: 2643954

Date Issued: December 3, 2013

Issued to: Texas Instruments, Inc.
12500 TI Blvd
MS 8701
Dallas, TX 75243
USA
Attention: Tom Hendrick

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator



Martin Buchanan

Issued by: Martin Buchanan, P. Eng.

PRODUCTS

CLASS 9073 30 - ELECTRONIC COMPONENTS - Optoisolators

Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:

Device	Ratings		Stds/Notices	External		
	(kVpeak)	(C)		Internal Creep(mm)	DistThru(mm)	Creep/Clear(mm)
AMC1204DW	4.0	125	CSA CA5A	-	-	7.5
AMC1204BDW	4.25		14-13			
			60950-1-07+A1			
			61010-1-04			
			IEC 60950-1 2nd Ed.+A1			
			IEC 61010-1 2nd Ed.			



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AMC1204BDWV	4.25	125	CSA CA5A	-	-	8.49
			14-13			
			60950-1-07+A1			
			61010-1-04			
			IEC 60950-1 2nd Ed.+A1			
			IEC 61010-1 2nd Ed.			

Suffixes may be used to differentiate shipping package types.

Notes:

1. Reinforced insulation requirements have been met for 148Vrms for CSA 60950-1-07+A1 and IEC 60950-1 2ndEd.+A1 and 300Vrms for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
2. For the DW devices basic insulation requirements have been met for 750Vrms (1060Vp) for CSA 60950-1-07+A1 and IEC 60950-1 2nd Ed. +A1 and 600V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
3. For the DWV devices basic insulation requirements have been met for 849Vrms (1200Vp) for CSA 60950-1-07+A1 and IEC 60950-1 2nd Ed. +A1 and 600V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
4. Evaluated by thermal cycling and other tests for a temperature rating of 105C.
5. The creepage and clearance has been evaluated for altitudes $\leq 2000\text{m}$, in pollution degree 2, material group III and overvoltage category II.

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.

APPLICABLE REQUIREMENTS

Component Acceptance Notice 5A (CA 5A) - Announcement of Extension of the Component
Acceptance Service for Optocouplers and Related Devices

CAN/CSA-C22.2 No 14-13 - Industrial Control Equipment

CAN/CSA-C22.2 No 60950-1-07+A1 - Information Technology Equipment - Safety - Part 1: General
Requirements (Bi-national Standard, with UL 60950-1)



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CAN/CSA-C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

IEC 60950-1 2nd Ed.+A1 - Information Technology Equipment - Safety - Part 1: General Requirements

IEC 61010-1 2nd Ed. 2001 02 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements



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PRODUCTS

CLASS 9073 30 - ELECTRONIC COMPONENTS - Optoisolators

Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:

Device	Ratings (kVpeak)	Stds/Notices (C)	Internal Creep(mm)	External DistThru(mm)	Creep/Clear(mm)
AMC1203BDUB	4.0	105	CSA CA5A	-	7.3
AMC1203DUB			14-13 60950-1-07+A1 61010-1-04 IEC 60950-1 2nd Ed.+A1 IEC 61010-1 2nd Ed.		
AMC1203BDW	4.0	105	CSA CA5A	-	7.5



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AMC1203DW			14-13			
			60950-1-07+A1			
			61010-1-04			
			IEC 60950-1 2nd Ed.+A1			
			IEC 61010-1 2nd Ed.			
AMC1203BPSA	4.0	105	CSA CA5A	-	-	5.6
AMC1203PSA			14-13			
			60950-1-07+A1			
			61010-1-04			
			IEC 60950-1 2nd Ed.+A1			
			IEC 61010-1 2nd Ed.			

Suffixes may be used for different shipping package types.

Notes:

1. For DUB and DW devices, reinforced insulation requirements have been met for 148Vrms for CSA 60950-1-07+A1 and IEC 60950-1 2ndEd.+A1 and 300Vrms for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
2. For DUB devices, basic insulation requirements have been met for 730Vrms (1032Vp) for CSA 60950-1-07+A1 and IEC 60950-1 2nd Ed.+A1 and 600V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
3. For DW devices, basic insulation requirements have been met for 750Vrms (1060Vp) for CSA 60950-1-07+A1 and IEC 60950-1 2nd Ed.+A1 and 600V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
4. For PSA devices, basic insulation requirements have been met for 560Vrms (791Vp) for CSA 60950-1-07+A1 and IEC 60950-1 2ndEd.+A1 and 300Vrms for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
5. Evaluated by thermal cycling and other tests for a temperature rating of 105C.
6. The creepage and clearance has been evaluated for altitudes $\leq 2000\text{m}$, in pollution degree 2, material group III and overvoltage category II.

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.



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APPLICABLE REQUIREMENTS

Component Acceptance Notice 5A (CA 5A) - Announcement of Extension of the Component
Acceptance Service for Optocouplers and Related Devices

CAN/CSA-C22.2 No 14-13 - Industrial Control Equipment

CAN/CSA-C22.2 No 60950-1-07+A1 - Information Technology Equipment - Safety - Part 1: General
Requirements (Bi-national Standard, with UL 60950-1)

CAN/CSA-C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control
and Laboratory Use - Part 1: General Requirements

IEC 60950-1 2nd Ed.+A1 - Information Technology Equipment - Safety - Part 1: General Requirements

IEC 61010-1 2nd Ed. 2001 02 - Safety Requirements for Electrical Equipment for Measurement, Control
and Laboratory Use - Part 1: General Requirements



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Master Contract: 220991

Project: 70016566

Date Issued: 2014 12 31

Issued to: Texas Instruments, Inc.
 12500 TI Blvd.
 MS 8701
 Dallas, TX 75243
 USA

Attention: Tom Hendrick

*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 9073 30 - ELECTRONIC COMPONENTS - Optoisolators

Component Acceptance of Optoisolator-Like Capacitive Coupling Devices:

Device	Ratings		Applicable Standards/Notices	Internal		External
	kVpeak	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
AMC1200BDUB AMC1200SDUB AMC1200STDUBRQ1 AMC1100DUB	4.25kVpeak 4.0kVpeak 4.0kVpeak 4.25kVpeak	105	CSA CA5A 14-13 60950-1-07+A1+A2 61010-1-04 IEC 60950-1 2nd Ed.+A1+A2 IEC 61010-1 2nd Ed.	-	-	7.3
AMC1200BDWV AMC1100DWV	4.25kVpeak 4.25kVpeak	105	CSA CA5A 14-13 60950-1-07+A1+A2 61010-1-04 IEC 60950-1 2nd	-	-	8.49



Certificate: 2643952
Project: 70016566

Master Contract: 220991
Date Issued: 2014 12 31

			Ed.+A1+A2 IEC 61010-1 2nd Ed.			
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Suffixes may be used for different shipping package types.

Notes:

1. Reinforced insulation requirements have been met for 148Vrms for CSA 60950-1-07+A1 and IEC 60950-1 2ndEd.+A1 and 300Vrms for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
2. For the DUB devices basic insulation requirements have been met for 730Vrms (1032Vp) for CSA 60950-1-07+A1 and IEC 60950-1 2nd Ed. +A1 and 600V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
3. For the DWV devices basic insulation requirements have been met for 849Vrms (1200Vp) for CSA 60950-1-07+A1 and IEC 60950-1 2nd Ed. +A1 and 600V for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
4. Evaluated by thermal cycling and other tests for a temperature rating of 105C.
5. The creepage and clearance has been evaluated for altitudes $\leq 2000\text{m}$, in pollution degree 2, material group III and overvoltage category II.

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.

APPLICABLE REQUIREMENTS

- Component Acceptance Notice 5A (CA 5A) - Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices
- CAN/CSA-C22.2 No 14-13 - Industrial Control Equipment
- CAN/CSA-C22.2 No 60950-1-07+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)
- CAN/CSA-C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements
- IEC 60950-1 2nd Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements
- IEC 61010-1 2nd Ed. 2001 02 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements



Supplement to Certificate of Compliance

Certificate: 2643952

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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

Project	Date	Description
2643952	Dec 3 2013	Original Certification
2705731	Apr 14 2014	Addition of Q and Q1 models
70016566	Dec 31 2014	Addition of AMC1100

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