

Safety Standard Certificate for Photocoupler

**PS2503, PS2514, PS2521, PS2525, PS2533,
PS2561, PS2561B, PS2561D, PS2562,
PS2565, PS2571, PS2581L**

● **CSA Certificate**

Certificate No. 1370295(CA 101391)

This certification is approved as Renesas Electronics Corporation, but NEC logo is kept on the PKG marking and the label indication on the smallest packing for the time being.

Please contact sales agent or Renesas Electronics sales, regarding the date of change to Renesas Electronics indication.

本認定書はルネサスエレクトロニクス社にて取得していますが、当面 製品捺印及び最小梱包のラベル表示は旧NECロゴにて出荷致します。
尚、実施時期については別途お問合せ下さい。



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Renesas Electronics Corporation

June 18, 2010



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1370295 (CA 101391-1)

Master Contract: 191330

Project: 2303623

Date Issued: June 3, 2010

Issued to: Renesas Electronics Corporation
1753 Shimonumabe, Nakahara-ku
Kawasaki-shi, Kanagawa, 211-8668
Japan
Attention: Kiyoshi Fukushima

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 Optoisolators:

Device	Ratings (kV) (C)	Stds/Notices	Internal		External
			Creep(mm)	DistThru(mm)	Creep/Clear(mm)
PS2514-1	5.0 100	CSA CA5A,	> 4.0	> 0.3	> 7.0
PS2514L-1	100	Basic Insulation 60950-1-07			
PS2503	5.0 100	60065:03 AM1	> 4.0	> 0.4	> 7.0
PS2521	100	IEC 60950-1, 2nd Ed.			
PS2525	100	IEC 60065 7th Ed. AM1			
PS2532	100				
PS2533	100				
PS2562	100				



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PS2565	100
PS2566	100
PS2571	100
PS2581	100
PS2581B	120

PS2561	5.0	100	CSA CA5A,	> 4.0	> 0.4	> 7.0
PS2561B	120		Reinforced Insulation			
PS2561D	110		60950-1-07			
			60065:03 AM1			
			60950-1, 2nd Ed.			
			IEC 60065 7th Ed. AM1			

with optional suffixes -1 to -4, E3, E4, F3, F4 followed by V. Prefix PS may or may not be used.

Notes:

1. The above components are suitable only for use at the basic insulation for 400Vrms. between input and output terminals for CSA Std. No. 60950-1-07 and 60065:03 AM1.
2. Types PS2561, PS2561B and PS2561D are suitable for the reinforced insulation at 300Vrms. between input and output terminals of CSA Std.No.60950-1-07 and 60065:03 AM1. Evaluated by thermal cycling.
3. Models may have suffixes L, L1 or L2 for different lead shapes.

These devices are Component Accepted as components for use in other equipment where the suitability of the combination may be determined by investigation in the final application.

APPLICABLE REQUIREMENTS



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Component Acceptance Notice No 5A – Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices.

CSA-C22.2 No. 1-04 - Audio, Video and Similar Electronic Equipment

CAN/CSA 60065:03 AM1 - Audio, Video and Similar Electronic Apparatus Safety Requirements.

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

IEC 60065 7th Ed. AM1 - Audio, Video and Similar Electronic Apparatus Safety Requirements.

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



PROFILE OF REPORTS

File No:101391_0_000

Master Contract No. 191330

Date: February 9, 2009

Replaces: February 2, 2009

Submittor:

(Contact ID: 4636143)

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 Compound Semiconductor Devices Division
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Factories
 MASTER

Contact No.	Name & Address	Inspection Office:	File / Factory Contract No
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SATELLITES

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Report	Project	Contact No	Subject
-1		F1,F2	February 21, 1994 - Opto-coupler, Ed. 1 Types PS2503 Series, PS2521 Series, PS2525 Series, PS2532 Series, PS2533 Series, PS2561 Series, PS2562 Series, PS2565 Series, PS2566 Series, Series. Type PS2581 Series added by 06. Type