

NEC

Safety Standard Certificate for Photocoupler

PS2381-1



● **CSA Certificate**

Certificate No. 2225202(CA 101391)

A handwritten signature in black ink, appearing to read 'H. Takahashi', written over a horizontal line.

H.TAKAHASHI

Group Manager
Optical Device Sales Engineering Group
Compound Semiconductor Devices Division
NEC Electronics Corporation

February 4, 2010



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 2225202 (CA 101391)

Master Contract: 191330

Project: 2225202

Date Issued: 2009/12/22

Issued to: NEC Electronics Corporation
Compound Semiconductor Devices
Division
1753 Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, 211-8668
Japan
Attention: Mr. Kiyoshi Fukushima

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



Martin Buchanan, P. Eng.

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)
PS2381-1	5.0 115	CSA CA5A, 60950-1-07 60065:03 AM1 IEC 60950-1, 2nd Ed. IEC 60065 7th Ed. AM1	> 4.6	> 0.4	> 8.0



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

Notes:

- Devices meet reinforced requirements of CSA 60950-1-07, 60065:03 Incl. AM1 and IEC60950-1, 2nd Ed. and IEC 60065 7th Ed. Incl. AM 1 for 250Vrms.
- Thermal cycling evaluation performed.

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

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

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

CAN/CSA C22.2 No. 60065:03 Incl. AM1 - Audio, Video and Similar Electronic Apparatus - Safety
Requirements

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

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