



OMRON SCIENTIFIC TECHNOLOGIES INCORPORATED
EC Declaration of Conformity

OMRON Scientific Technologies Incorporated (at 6550 Dumbarton Circle, Fremont, CA 94555-3605, U.S.A.) hereby declares that the following series manufactured products listed below conform with the relevant Essential Health and Safety Requirements (EHSRs) of the European Machinery Directive (2006/42/EC), EMC Directive (2004/108/EC) and other relevant EC Directives as listed below.

EC-Series Magnetically Actuated Safety Interlock Switches: Models EC-S1PCC, EC-S1PCxx, EC-S1A. Control Unit Models: EC-S2, EC-S4

(The products will be marked with the CE-Mark according to the machinery directive. The overall machine must comply with the machinery directive.)

Certificate issued by notified body DGUV Test Pruf- und Zertifizierungsstelle Fachausschuss Elektrotechnik, Gustav-Heinemann-Ufer 130, 50968 Koln, Germany (NB No. 0340).

These products conform to the relevant parts of the following Harmonized European Standards below.

EN 60947-5-3: 1999 + A1:2005 - Low voltage switchgear and control gear - Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behavior under fault conditions.

EN 1088 : 1995+A2:2008 - Safety of Machinery, Interlocking devices associated with guards. Principles for design and selection

EN 954-1:1996: Safety of Machinery, Safety-related parts of control systems - Part 1: General principles for design.

EN ISO 13849-1:2008 - Safety of machinery – Safety-related parts of control systems, Part 1: General principle for design.

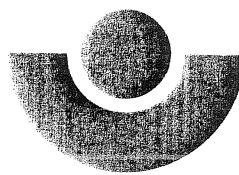
EN ISO 13849-2:2008 - Safety of machinery – Safety-related parts of control systems, Part 2: Validation.

Date June 10, 2011

Signed Martin D. Krikorian

Martin D. Krikorian
Quality Director
OMRON Scientific Technologies, Inc.
Fremont, CA, USA

Documentation Manager of the EU Office
OMRON Scientific Technologies, Inc.
Am Garock 8
D-33154 Salzkotten, Germany



Baumusterprüfbescheinigung

05211

Bescheinigungs-Nummer

Name und Anschrift des
Bescheinigungsinhabers:
(Auftraggeber) Scientific Technologies Inc.
6550 Dumbarton Circle
Fremont CA 94555-3605
USA

Name und Anschrift des
Herstellers: siehe Auftraggeber

Zeichen des Auftraggebers:

Zeichen der Prüf- und Zertifizierungsstelle:
NA.520.01/05-54-421 Wld/hu

Ausstellungsdatum:
30.08.2005

Produktbezeichnung: Berührungsloser Sicherheitsschalter

Typ: Auswertegerät: EC – S2
Betätiger: EC – S1A
Leseköpfe: EC – S1 xxxxx

Bestimmungsgemäße
Verwendung:

Prüfgrundlage: 73/23/EWG „Niederspannungsrichtlinie“
89/336/EWG „EMV-Richtlinie“
DIN EN 60947-5-3 „Niederspannungsschaltgeräte; Steuergeräte und
Schaltelemente; Anforderungen für Näherungsschalter mit
definiertem Verhalten unter Fehlerbedingungen“ (2000-02)

Bemerkungen: Das o.g. Produkt ist ein Näherungsschalter mit Selbstüberwachung „PDF-M“ (self-monitoring) nach
DIN EN 60947-5-3 (2000-02). Die Kategorie wurde aus dem Prüfergebnis der zum Zeitpunkt der
Prüfung gültigen DIN V VDE 0801 abgeleitet. Hinsichtlich der Sicherheitsfunktion erfüllt er die
Anforderungen der AK 6 nach DIN V VDE 0801/A1 (1994-10). Dies entspricht nach heutigem
Wissensstand der Kategorie 4 nach DIN EN 954-1 (1997-03).

Das geprüfte Baumuster entspricht den einschlägigen Bestimmungen der Richtlinie 98/37/EG (**Maschinen**).

Diese Bescheinigung wird spätestens ungültig am:

30.06.2009

Weiteres über die Gültigkeit, eine Gültigkeitsverlängerung und andere Bedingungen regelt die Prüf- und
Zertifizierungsordnung vom April 2004.


Dipl.-Ing. Stefan Stommel
Leiter der Zertifizierungsstelle



Zeichengenehmigung

05212

Bescheinigungs-Nummer

Name und Anschrift des
Bescheinigungsinhabers:
(Auftraggeber) Scientific Technologies Inc.
6550 Dumbarton Circle
Fremont CA 94555-3605
USA

Name und Anschrift des
Herstellers: siehe Auftraggeber

Zeichen des Auftraggebers:

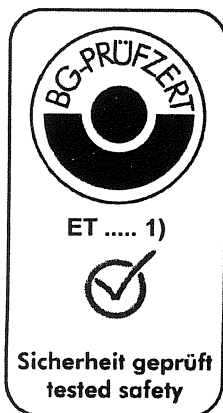
Zeichen der Prüf- und Zertifizierungsstelle:
NA.520.01/05-54-421 Wld/hu

Ausstellungsdatum:
30.08.2005

Produktbezeichnung: Berührungsloser Sicherheitsschalter

Typ: Auswertegerät: EC - S2
Betätiger: EC - S1A
Leseköpfe: EC - S1xxxx

Bestimmungsgemäße
Verwendung:



Der Inhaber dieser Zeichengenehmigung ist berechtigt, das nebenstehend abgebildete BG-PRÜFZERT-Zeichen an den mit dem geprüften Baumuster übereinstimmenden Produkten anzubringen. Die Berechtigung zum Anbringen des Zeichens erlischt mit dem Ungültigwerden der Baumusterprüfbescheinigung: ET 05211

1) Bescheinigungs-Nummer


Dipl.-Ing. Stefan Stommel
Leiter der Zertifizierungsstelle

Postadresse:
Postfach 51 05 80
50941 Köln

Hausadresse:
Gustav-Heinemann-Ufer 130
50968 Köln

Telefon: 0221 / 3778 - 6301
Telefax: 0221 / 3778 - 6322



NRNT.E163179 Switches, Industrial Control

[Page Bottom](#)

Switches, Industrial Control

[See General Information for Switches, Industrial Control](#)

OMRON SCIENTIFIC TECHNOLOGIES INC
6550 DUMBARTON CIR
FREMONT, CA 94555 USA

E163179

Class 2 limit switches, Model(s) HP2008-02*, HP2008-02H*, HP2008-02L*, HP2008-02S*, HP2008-11*, HP2008-11H*, HP2008-11L*, HP2008-11S*, HP2011-021*, HP2011-021H*, HP2011-021L*, HP2011-021S*, HP2011-030*, HP2011-030H*, HP2011-030L*, HP2011-030S*

Evaluation units, safety relays, open type, Model(s) CM-S2, CM-S30, CM-S4

Limit switches, Model(s) T4012 Series, T4016 Series, TL4019 Series, TL4024 Series

Limit switches, Class 2, Model(s) T2008, T2011

Monitoring devices, Model(s) EC-S Series

Read heads, safety relays, open type, Model(s) CM-S1PC3, CM-S1PC5, CM-S2PC3, CM-S2PC5, CM-S3PC3, CM-S3PC5

Safety relays, open type, Model(s) SR10-1A01, SR10-1A02, SR10-1A03, SR101A01x [+a], SR102AM0x [+a], SR103AM0x [+a], SR104P01, SR104P02, SR104P03, SR104P0x [+a], SR105E0x [+a], SR106ED0x [+a], SR107AD01, SR108AD01, SR109AD01

* - May be followed by additional suffixes.

Note - Models are followed by any combination of alpha numeric suffixes.

[+a] - [+a] - x = 1, 2 or 3

[Last Updated](#) on 2010-07-19

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

[Copyright © 2010 Underwriters Laboratories Inc.®](#)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2010 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.





NRNT7.E163179 Switches, Industrial Control Certified for Canada

[Page Bottom](#)

Switches, Industrial Control Certified for Canada

[See General Information for Switches, Industrial Control Certified for Canada](#)

OMRON SCIENTIFIC TECHNOLOGIES INC
6550 DUMBARTON CIR
FREMONT, CA 94555 USA

E163179

Class 2 limit switches, Model(s) HP2008-02*, HP2008-02H*, HP2008-02L*, HP2008-02S*, HP2008-11*, HP2008-11H*, HP2008-11L*, HP2008-11S*, HP2011-021*, HP2011-021H*, HP2011-021L*, HP2011-021S*, HP2011-030*, HP2011-030H*, HP2011-030L*, HP2011-030S*

Evaluation units, safety relays, open type, Model(s) CM-S2, CM-S30, CM-S4

Limit switches, Model(s) T4012 Series, T4016 Series, TL4019 Series, TL4024 Series

Limit switches, Class 2, Model(s) T2008, T2011

Monitoring devices, Model(s) EC-S Series

Read heads, safety relays, open type, Model(s) CM-S1PC3, CM-S1PC5, CM-S2PC3, CM-S2PC5, CM-S3PC3, CM-S3PC5

Safety relays, open type, Model(s) SR10-1A01, SR10-1A02, SR10-1A03, SR101A01x [+a], SR102AM0x [+a], SR103AM0x [+a], SR104P01, SR104P02, SR104P03, SR104P0x [+a], SR105E0x [+a], SR106ED0x [+a], SR107AD01, SR108AD01, SR109AD01

* - May be followed by additional suffixes.

Note - Models are followed by any combination of alpha numeric suffixes.

[+a] - [+a] - x = 1, 2 or 3

[Last Updated](#) on 2010-07-19

[Questions?](#)[Print this page](#)[Notice of Disclaimer](#)[Page Top](#)

[Copyright © 2010 Underwriters Laboratories Inc.®](#)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2010 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.



OMRON AUTOMATION AND SAFETY • THE AMERICAS HEADQUARTERS • Chicago, IL USA • 847.843.7900 • 800.556.6766 • www.omron247.com

OMRON CANADA, INC. • HEAD OFFICE

Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • www.omron247.com

OMRON ELECTRONICS DE MEXICO • HEAD OFFICE

México DF • 52.55.59.01.43.00 • 01-800-226-6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE

Apodaca, N.L. • 52.81.11.56.99.20 • 01-800-226-6766 • mela@omron.com

OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE

São Paulo, SP, Brasil • 55.11.2101.6300 • www.omron.com.br

OMRON ARGENTINA • SALES OFFICE

Cono Sur • 54.11.4783.5300

OMRON CHILE • SALES OFFICE

Santiago • 56.9.9917.3920

OTHER OMRON LATIN AMERICA SALES

54.11.4783.5300

OMRON EUROPE B.V. • Wegalaan 67-69, NL-2132 JD, Hoofddorp, The Netherlands. • +31 (0) 23 568 13 00 • www.industrial.omron.eu

Authorized Distributor:

Automation Control Systems

- Machine Automation Controllers (MAC) • Programmable Controllers (PLC)
- Operator interfaces (HMI) • Distributed I/O • Software

Drives & Motion Controls

- Servo & AC Drives • Motion Controllers & Encoders

Temperature & Process Controllers

- Single and Multi-loop Controllers

Sensors & Vision

- Proximity Sensors • Photoelectric Sensors • Fiber-Optic Sensors
- Amplified Photomicrosensors • Measurement Sensors
- Ultrasonic Sensors • Vision Sensors

Industrial Components

- RFID/Code Readers • Relays • Pushbuttons & Indicators
- Limit and Basic Switches • Timers • Counters • Metering Devices
- Power Supplies

Safety

- Laser Scanners • Safety Mats • Edges and Bumpers • Programmable Safety Controllers • Light Curtains • Safety Relays • Safety Interlock Switches