



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 Essential Health and Safety Requirements (EHSRs) of the European **Machinery Directive (2006/42/EC)**, with the requirements of the **Low Voltage Directive (2006/95/EC)**, and with the relevant requirements of the stated standards listed below. Materials used in the manufacture of these products are **RoHS** compliant in accordance with **Directive (2011/65/EC)**

T5007 Compact Universal Tongue-Operated Safety Interlock Switch
T2007 Miniature Tongue-Operated Safety Interlock Switch
T3009 Compact Tongue-Operated Safety Interlock Switch
T4011 Heavy Duty Metal Body Safety Interlock Switch

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

EN 1088 : 1995 + A1:2007 +A2:2008 - Safety of machinery - Interlocking devices associated with guards. Principles for design and selection.

EN ISO 12100-1:2003 + A1:2009 - Safety of machinery – Basic concepts, general principles for design – Part 1: Basic terminology, methodology.

EN ISO 12100-2:2003 + A1:2009 - Safety of machinery – Basic concepts, general principles for design – Part 2: Technical principles.

EN 60204-1:2006:+A1:2009 - Safety of Machinery, Electrical equipment of machines, Part 1: General requirements.

EN 60947-1:2007 - Low-voltage switchgear and controlgear. General rules.

EN 60947-5-1: 2004 - Low voltage switchgear and control gear – Part 5: Control circuit devices and switching elements – Section 1: Electromechanical control circuit devices.

Date 24 Sept 2013

Signed 

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

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Zertifikat / Certificate



Zertifikat Nr. Certificate No.
R 47508736_001

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Ihr Zeichen Client Ref	Unser Zeichen Our Ref	Ausstellungsdatum Date of Issue (day/mo/yr)
	0001-028500251_003	18th September 2013

Genehmigungsinhaber License Holder	Fertigungsstätte Manufacturing Plant s
Omron Scientific Technologies Incorporated 6550 Dumbarton Circle, Fremont CA 94555	Zona Franca Las Americas. Km 22 Autopista Las Americas, Santo Domingo, Dominican Republic UL Rozdzienska 49 40-382 Katowice Poland 5th Floor 5 Lane 359 Chung Shang Rd Sec 2, Chung Ho, Taipei Hsien, Taiwan

Prüfzeichen Test Mark Geprüft nach Tested Acc. to



IEC 60947-5-1 : 2003, Third edition and EN 60947-5-1: 2004.
IEC 60947—1 Ed 5.0, EN 60947-1:2007, EN60947-1:2004

Zertifiziertes Produkt (Geräteidentifikation) Lizenzentgelte-Einheiten
Certified Product License Fee – Units

Safety Switches

Type Designation **Tongue Operated - T2007**, T3009, T4011, T5007, T5009, T5009-6
Hinge Operated - HP2007, HP3009, HP6009 7
Screw Bolt - BL6009

Max Operational Volt- 600VAC,
Rated Current - Ithe 10A

Utilisation Category/ AC-15 / A600
Designation

Rated Operational Cur- M20 and NPT versions 1.2A/600VAC, 1.4A/500VAC,
rent at the Rated Opera- 1.5A/480VAC, 1.9A/380VAC, 3A/240VAC and 6A/120VAC
tional Voltage QD versions 5 pin M12 60VAC 4A / 8 pin M12 60VAC 2A / 12
Pin M23 63VAC 6A

Class of Protection II, (BL6009, T4011, and HP6009 - class I)

Protection Degree IP67 (except HP6009 IP66 and BL6009 IP65)

This Certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified prod-

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J. Jones
TUV Rheinland
Manager
Business Stream Products



NKCR.E195653 Auxiliary Devices

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Auxiliary Devices

[See General Information for Auxiliary Devices](#)

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

E195653

Investigated to ANSI/UL 508

Actuator switches Model(s) MFS-11P11, MFS-11P11CC, MFS-11P20, MFS-11P20CC

Actuators Model(s) CM-S11ACT, CM-S1ACT, CM-S221ACT, CM-S2ACT, CM-S31ACT, CM-S321ACT, CM-S3ACT, CM-S421ACT, CM-S521ACT, CM-S5ACT, CM-S621ACT, CM-S6ACT, MA-10ACT, MA-11ACT, MA-12ACT, MA-13ACT, MA-14ACT, MA-15ACT, MA-16ACT, MA-1ACT, MA-20ACT, MA-21ACT, MA-2ACT, MA-3ACT, MA-4ACT, MA-5ACT, MA-6ACT, MA-7ACT, MA-9ACT, MA-S20ACT, MA-S21ACT, MA-S2ACT, MA-S34ACT, MA-S35ACT, MA-S36ACT

Control units Model(s) CM-S21-24V, CM-S41-100V, CM-S41-24V

Extender modules Model(s) CM-SE-24V

Grip-type enabling switches Model(s) ESD-5020-20, ESD-5020-21

I-Rope switches Model(s) ER-1022, ER-1032, ER-5018, ER-6022, ER-6022-SS

Industrial control switches Model(s) SCC-1224, SCC-2124, SCC-2224

Interlock relays Model(s) MC-K, MF, SMT-01, SMT-02, SMT-03, SR-0, SR-05, SR-06, SR-07, SR-09, SR-11, SR-12, SR-14, SR-15, SR-16, SR-8

Interlock switches Model(s) T-5007, T-5009, T-5009-6

Limit switches Model(s) SL-AL11CC, SL-AL11M, SL-AL11N, SL-AL21CC, SL-AL21M, SL-AL21MCC, SL-AL21MM, SL-AL21MN, SL-AL21N, SL-AL30CC, SL-AL30M, SL-AL30N, SL-MAL11CC, SL-MAL11M, SL-MAL11N, SL-MAL21CC, SL-MAL21M, SL-MAL21MCC, SL-MAL21MM, SL-MAL21MN, SL-MAL21N, SL-MAL30CC, SL-MAL30M, SL-MAL30N, SL-MP11CC, SL-MP11M, SL-MP11N, SL-MP21CC, SL-MP21M, SL-MP21MCC, SL-MP21MM, SL-MP21MN, SL-MP21N, SL-MP30CC, SL-MP30M, SL-MP30N, SL-MRL11CC, SL-MRL11M, SL-MRL11N, SL-MRL21CC, SL-MRL21M, SL-MRL21MCC, SL-MRL21MM, SL-MRL21MN, SL-MRL21N, SL-MRL30CC, SL-MRL30M, SL-MRL30N, SL-MRL30M, SL-MRL30N, SL-MRLS11CC, SL-MRLS11M, SL-MRLS11N, SL-MRLS21CC, SL-MRLS21M, SL-MRLS21MCC, SL-MRLS21MM, SL-MRLS21MN, SL-MRLS21N, SL-MRLS30CC, SL-MRLS30M, SL-MRLS30N, SL-MRP11CC, SL-MRP11M, SL-MRP11N, SL-MRP21CC, SL-MRP21M, SL-MRP21MCC, SL-MRP21MM, SL-MRP21MN, SL-MRP21N, SL-MRP30CC, SL-MRP30M, SL-MRP30N, SL-MSR11CC, SL-MSR11M, SL-MSR11N, SL-MSR21CC, SL-MSR21M, SL-MSR21MCC, SL-MSR21MM, SL-MSR21MN, SL-MSR21N, SL-MSR30CC, SL-MSR30M, SL-MSR30N, SL-MTA11CC, SL-MTA11M, SL-MTA11N, SL-MTA21CC, SL-MTA21M, SL-MTA21MCC, SL-MTA21MM, SL-MTA21MN, SL-MTA21N, SL-MTA30CC, SL-MTA30M, SL-MTA30N, SL-P11CC, SL-P11M, SL-P11N, SL-P21CC, SL-P21M, SL-P21MCC, SL-P21MM, SL-P21MN, SL-P21N, SL-P30CC, SL-P30M, SL-P30N, SL-RLH11CC, SL-RLH11M, SL-RLH11N, SL-RLH21CC, SL-RLH21M, SL-RLH21MCC, SL-RLH21MM, SL-RLH21MN, SL-RLH21N, SL-RLH30CC, SL-RLH30M, SL-RLH30N, SL-RLO11CC, SL-RLO11M, SL-RLO11N, SL-RLO21CC, SL-RLO21M, SL-RLO21MCC, SL-RLO21MM, SL-RLO21MN, SL-RLO21N, SL-RLO30CC, SL-RLO30M, SL-RLO30N, SL-RLS11CC, SL-RLS11M, SL-RLS11N, SL-RLS21CC, SL-RLS21M, SL-RLS21MCC, SL-RLS21MM, SL-RLS21MN, SL-RLS21N, SL-RLS30CC, SL-RLS30M, SL-RLS30N, SL-RP11CC, SL-RP11M, SL-RP21MCC, SL-RP21MM, SL-RP21MN, SL-RP30CC, SL-RP30M, SL-RP30N, SL-RR11CC, SL-RR11M, SL-RR11N, SL-RR21CC, SL-RR21M, SL-RR21MCC, SL-RR21MM, SL-RR21MN, SL-RR21N, SL-RR30CC, SL-RR30M, SL-RR30N

Magnetically actuated interlock switches Model(s) MA-S, followed by 2, 20 or 21, followed by A or D

MA-S2D, MC-S, MC-S1, MC-S2, MC-S6

Relays Model(s) SR203AM01, SR203AM02, SR203M01, SR203M02, SR204P00, SR204P02, SR208AD01, SR208AD02, SR209AD01, SR209AD02

Rope operated emergency switches Model(s) ER-4020, ER-6019

Safety relays Model(s) SMS-##, SMT-##, SR-###AM, SR-###DD, SR-###E, SR-###MP, SR-##A, SR-125SMS4501, SR-125SMS4502, SR-125SMS4503

Safety switches Model(s) T-3008-02, T-3008-03, T-3008-11, T-3008-12

Solenoid locking switches Model(s) TL-5012, TL-8012-S, TL-8018-4, TL-8018-5

Stand-alone switches Model(s) MF-2PCxx (xx=1 thru 99), MFS-11P11+, MFS-11P20+, MFS-12P11+, MFS-12P20+

Switches Model(s) BL-6009, HP-2007, HP-2010, HP-3009, HP-6009, **T-2007**, T-2010, T-3009, T-4011

Switches and actuators Model(s) CM-S11P+

CM-S11PC, CM-S11PCC, CM-S31SC, CM-S31SCC or MA-11, followed by AP or DP, followed by 10, 11, 20 or 21

CM-S1P+, CM-S221P, CM-S221P+, CM-S2P+, CM-S31, CM-S321S+, CM-S3P+, CM-S421S+, CM-S521P+, CM-S5P+, CM-S621P+, CM-S6P+, MA-10AP+, MA-10DP+, MA-11AP+, MA-11DP+, MA-12AP+, MA-12AP10, MA-12AP11, MA-12DP+, MA-12DP10, MA-12DP11, MA-13AP+, MA-13AP10, MA-13AP11, MA-13AP20, MA-13AP21, MA-13DP+, MA-13DP10, MA-13DP11, MA-13DP20, MA-13DP21, MA-14AP+, MA-14DP+, MA-14DP10, MA-14DP11, MA-14DS10, MA-14DS11, MA-15AP+, MA-15DP+, MA-15DP21, MA-15DS21, MA-16AP+, MA-16APAS, MA-16APDS, MA-16DP+, MA-16DPAS, MA-16DPDS, MA-1AP+, MA-1DP+, MA-20AP+, MA-20DP+, MA-21AP+, MA-21DP+, MA-2AP+, MA-2DP+, MA-34AS+, MA-34DP10, MA-34DP11, MA-34DS+, MA-34DS10, MA-34DS11, MA-35AS+, MA-35DP21, MA-35DS+, MA-35DS21, MA-36AS+, MA-36DS+, MA-S0DS+, MA-S20AS+, MA-S21AS+, MA-S21DS+, MA-S2AS+, MA-S2DS+, MAA-36APAS, MAA-36APDS, MAA-36DPAS, MAA-36DPDS

- Where # represents number.

+ - Followed by CC or Cxx, or followed by C and Cxx where xx is numbers 1 thru 99.

Last Updated on 2013-08-28

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Auxiliary Devices Certified for Canada

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

E195653

Investigated to CAN/CSA-C22.2 No. 14

Actuator switches Model(s) MFS-11P11, MFS-11P11CC, MFS-11P20, MFS-11P20CC

Actuators Model(s) CM-S11ACT, CM-S1ACT, CM-S221ACT, CM-S2ACT, CM-S31ACT, CM-S321ACT, CM-S3ACT, CM-S421ACT, CM-S521ACT, CM-S5ACT, CM-S621ACT, CM-S6ACT, MA-10ACT, MA-11ACT, MA-12ACT, MA-13ACT, MA-14ACT, MA-15ACT, MA-16ACT, MA-1ACT, MA-20ACT, MA-21ACT, MA-2ACT, MA-3ACT, MA-4ACT, MA-5ACT, MA-6ACT, MA-7ACT, MA-9ACT, MA-S20ACT, MA-S21ACT, MA-S2ACT, MA-S34ACT, MA-S35ACT, MA-S36ACT

Control units Model(s) CM-S21-24V, CM-S41-100V, CM-S41-24V

Extender modules Model(s) CM-SE-24V

Grip-type enabling switches Model(s) ESD-5020-20, ESD-5020-21

I-Rope switches Model(s) ER-1022, ER-1032, ER-5018, ER-6022, ER-6022-SS

Industrial control switches Model(s) SCC-1224, SCC-2124, SCC-2224

Interlock relays Model(s) MC-K, MF, SMT-01, SMT-02, SMT-03, SR-0, SR-05, SR-06, SR-07, SR-09, SR-11, SR-12, SR-14, SR-15, SR-16, SR-8

Interlock switches Model(s) T-5007, T-5009, T-5009-6

Limit switches Model(s) SL-AL11CC, SL-AL11M, SL-AL11N, SL-AL21CC, SL-AL21M, SL-AL21MCC, SL-AL21MM, SL-AL21MN, SL-AL21N, SL-AL30CC, SL-AL30M, SL-AL30N, SL-MAL11CC, SL-MAL11M, SL-MAL11N, SL-MAL21CC, SL-MAL21M, SL-MAL21MCC, SL-MAL21MM, SL-MAL21MN, SL-MAL21N, SL-MAL30CC, SL-MAL30M, SL-MAL30N, SL-MP11CC, SL-MP11M, SL-MP11N, SL-MP21CC, SL-MP21M, SL-MP21MCC, SL-MP21MM, SL-MP21MN, SL-MP21N, SL-MP30CC, SL-MP30M, SL-MP30N, SL-MRL11CC, SL-MRL11M, SL-MRL11N, SL-MRL21CC, SL-MRL21M, SL-MRL21MCC, SL-MRL21MM, SL-MRL21MN, SL-MRL21N, SL-MRL30CC, SL-MRL30M, SL-MRL30N, SL-MRLS11CC, SL-MRLS11M, SL-MRLS11N, SL-MRLS21CC, SL-MRLS21M, SL-MRLS21MCC, SL-MRLS21MM, SL-MRLS21MN, SL-MRLS21N, SL-MRLS30CC, SL-MRLS30M, SL-MRLS30N, SL-MRP11CC, SL-MRP11M, SL-MRP11N, SL-MRP21CC, SL-MRP21M, SL-MRP21MCC, SL-MRP21MM, SL-MRP21MN, SL-MRP21N, SL-MRP30CC, SL-MRP30M, SL-MRP30N, SL-MSR11CC, SL-MSR11M, SL-MSR11N, SL-MSR21CC, SL-MSR21M, SL-MSR21MCC, SL-MSR21MM, SL-MSR21MN, SL-MSR21N, SL-MSR30CC, SL-MSR30M, SL-MSR30N, SL-MTA11CC, SL-MTA11M, SL-MTA11N, SL-MTA21CC, SL-MTA21M, SL-MTA21MCC, SL-MTA21MM, SL-MTA21MN, SL-MTA21N, SL-MTA30CC, SL-MTA30M, SL-MTA30N, SL-P11CC, SL-P11M, SL-P11N, SL-P21CC, SL-P21M, SL-P21MCC, SL-P21MM, SL-P21MN, SL-P21N, SL-P30CC, SL-P30M, SL-P30N, SL-RLH11CC, SL-RLH11M, SL-RLH11N, SL-RLH21CC, SL-RLH21M, SL-RLH21MCC, SL-RLH21MM, SL-RLH21MN, SL-RLH21N, SL-RLH30CC, SL-RLH30M, SL-RLH30N, SL-RLO11CC, SL-RLO11M, SL-RLO11N, SL-RLO21CC, SL-RLO21M, SL-RLO21MCC, SL-RLO21MM, SL-RLO21MN, SL-RLO21N, SL-RLO30CC, SL-RLO30M, SL-RLO30N, SL-RLS11CC, SL-RLS11M, SL-RLS11N, SL-RLS21CC, SL-RLS21M, SL-RLS21MCC, SL-RLS21MM, SL-RLS21MN, SL-RLS21N, SL-RLS30CC, SL-RLS30M, SL-RLS30N, SL-RP11CC, SL-RP11M, SL-RP21MCC, SL-RP21MM, SL-RP21MN, SL-RP30CC, SL-RP30M, SL-RP30N, SL-RR11CC, SL-RR11M, SL-RR11N, SL-RR21CC, SL-RR21M, SL-RR21MCC, SL-RR21MM, SL-RR21MN, SL-RR21N, SL-RR30CC, SL-RR30M, SL-RR30N

Magnetically actuated interlock switches Model(s) MA-S, followed by 2, 20 or 21, followed by A or D

MA-S2D, MC-S, MC-S1, MC-S2, MC-S6

Relays Model(s) SR203AM01, SR203AM02, SR203M01, SR203M02, SR204P00, SR204P02, SR208AD01, SR208AD02, SR209AD01, SR209AD02

Rope operated emergency switches Model(s) ER-4020, ER-6019

Safety switches Model(s) T-3008-02, T-3008-03, T-3008-11, T-3008-12

Solenoid locking switches Model(s) TL-5012, TL-8012-S, TL-8018-4, TL-8018-5

Stand-alone switches Model(s) MF-2PCxx (xx=1 thru 99), MFS-11P11+, MFS-11P20+, MFS-12P11+, MFS-12P20+

Switches Model(s) BL-6009, HP-2007, HP-2010, HP-3009, HP-6009, **T-2007**, T-2010, T-3009, T-4011

Switches and actuators Model(s) CM-S11P+

CM-S11PC, CM-S11PCC, CM-S31SC, CM-S31SCC or MA-11, followed by AP or DP, followed by 10, 11, 20 or 21

CM-S1P+, CM-S221P, CM-S221P+, CM-S2P+, CM-S31, CM-S321S+, CM-S3P+, CM-S421S+, CM-S521P+, CM-S5P+, CM-S621P+, CM-S6P+, MA-10AP+, MA-10DP+, MA-11AP+, MA-11DP+, MA-12AP+, MA-12AP10, MA-12AP11, MA-12DP+, MA-12DP10, MA-12DP11, MA-13AP+, MA-13AP10, MA-13AP11, MA-13AP20, MA-13AP21, MA-13DP+, MA-13DP10, MA-13DP11, MA-13DP20, MA-13DP21, MA-14AP+, MA-14DP+, MA-14DP10, MA-14DP11, MA-14DS10, MA-14DS11, MA-15AP+, MA-15DP+, MA-15DP21, MA-15DS21, MA-16AP+, MA-16APAS, MA-16APDS, MA-16DP+, MA-16DPAS, MA-16DPDS, MA-1AP+, MA-1DP+, MA-20AP+, MA-20DP+, MA-21AP+, MA-21DP+, MA-2AP+, MA-2DP+, MA-34AS+, MA-34DP10, MA-34DP11, MA-34DS+, MA-34DS10, MA-34DS11, MA-35AS+, MA-35DP21, MA-35DS+, MA-35DS21, MA-36AS+, MA-36DS+, MA-S0DS+, MA-S20AS+, MA-S21AS+, MA-S21DS+, MA-S2AS+, MA-S2DS+, MAA-36APAS, MAA-36APDS, MAA-36DPAS, MAA-36DPDS

+ - Followed by CC or Cxx, or followed by C and Cxx where xx is numbers 1 thru 99.

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