



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 RoHS2 compliant in accordance with Directive (2011/65/EU)

Devices: Universal Tongue-Operated Safety Interlock Switches
Types: T5009, T5009-6

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

EN 60947-1:2007:+A1:2011 - Low-voltage switchgear and controlgear. General rules.

EN 60947-5-1:2004:+A1:2009 - Low voltage switchgear and control gear - Part 5-1: Control circuit devices and switching elements – Requirements for proximity devices with defined behavior under fault conditions - electromechanical control circuits.

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

EN ISO 14119:2013 - Safety of machinery - Interlocking devices associated with guards - Principles for design and selection

EN ISO 13849-1:2008:+AC:2009 - Safety of machinery – Safety-related parts of control systems, Part 1: General principle for design.

Date 2 Sept. 2014
Fremont, CA, 94555, USA

Signed Martin D. Krikorian

Martin D. Krikorian
Quality Director
(Authorized Signer of Declarations of Conformity)
OMRON Scientific Technologies, Inc.

Date 18/09/14
's-Hertogenbosch - The Netherlands

Signed J.J.P.W. Vogelaar

Representative in EU: J.J.P.W. Vogelaar
European Quality & Environment Operations Manager
Omron Europe B.V
Zilverenberg 2, 5234 GM, 's-Hertogenbosch,
The Netherlands



NKCR.E195653 Auxiliary Devices

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Auxiliary Devices

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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.

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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

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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

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

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

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