



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. Materials used in the manufacture of these products are RoHS compliant in accordance with Directive (2002/95/EC)

MA-, MA-S Series Magnetically Actuated Safety Interlock Switches
Models MA-1, -2, -12, -13, -14, -15, -16 -20, -21, -34, -35, -36, MA-S2, -S20, -S21

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

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

EN 1088 : 1996 - Safety of Machinery, Interlocking devices associated with guards. Principles for design and selection

BS EN 292 - Safety of Machinery; General principles for design.

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

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

EN 62061:2005 – Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems.

Date 6 Sept 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



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) and with the requirements of the Low Voltage Directive (2006/95/EC),

MA- Series Magnetically Actuated Safety Interlock Switches
Models MA-3, -4, -5

(Guard interlock devices used on machines where there can be no contact between the actuating device and the sensing device and there is no significant delay of the elimination of the hazard after its power has been isolated. The products will be marked with the CE-Mark according to the machinery directive. The overall machine must comply with the machinery directive.)

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

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

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

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

Date 7 Sept 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 Garrock 8
D-33154 Salzkotten, Germany



NKCR.E195653 Auxiliary Devices

[Page Bottom](#)

Auxiliary Devices

[See General Information for Auxiliary Devices](#)

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

E195653

Actuator switches, Models MFS-11P11, MFS-11P20, MFS-11P11CC, MFS-11P20CC.

Control units, Models CM-S21-24V, CM-S41-24V, CM-S41-100V.

Extender module, Model CM-SE-24V.

Grip-type enabling switches, Models ESD5020-20, ESD5020-21.

Interlock relays, Models MC-K, MF, SMT01, -02, -03, SR05, -06, -07, -08, -09, -10, -11, -12, -14, -15, -16.

Solenoid locking switches, Models TL5012, -8012-S, -8018-4, -8018-5.

Interlock switches, Models T5009, T5009-6, T5007

Magnetically actuated interlock switches, Models MC-S, MC-S1, MC-S2, MC-S6.

Model MA-S, followed by 2, 20 or 21, followed by A or D.

Relays, Models SR203AM, SR203M, SR204P, SR208AD, SR209AD, followed by suffixes

Rope operated emergency switches, Models ER6019, ER4020.

Safety relays, Model SR, followed by a three digit number, followed by A, AM, MP, DD, E; Models SMT, SMS, followed by a two digit number.

Models SR125SMS4501, SR125SMS4502, SR125SMS4503.

Safety switches, Models T3008-02, -03, -11, -12.

Switches, Models HP2007, -2010, -3009, T2007, T2010, T3009, T4011.

Models BL6009, HP6009.

Switches and actuators, Models CM-S11PC, CM-S11PCC, CM-S31SC, CM-S31SCC, **MA-11**, followed by AP or DP, followed by 10, 11, 20, 21; Model **MA-12**, followed by AP or DP, followed by 10, 11; Model **MA-13**, followed by AP or DP, followed by 10, 11, 20, 21; **Models MA, -14, -34**, followed by DP or DS, followed by 10, 11; **Models MA, -15, -35**, followed by DP or DS, followed by 21; **Models MA, -16, -A36**, followed by AP or DP, followed by AS or DS; Model CM-S221, followed by P.

I-Rope switches, Models ER5018, ER6022, ER1022, ER1032, ER-6022-SS.

Switches and actuators, Models **MA-1, MA-2, MA-10, MA-11, MA-12, MA-13, MA-14, MA-15, MA-16, MA-20, MA-21**, followed by AP or DP, followed by CC or Cxx where xx is numbers 1 thru 99, followed by C and Cxx where xx is numbers 1 thru 99.

Models MA-S2, MA-S20, MA-S21, MA-34, MA-35, MA-36, followed by AS or DS, followed by CC or Cxx where xx is numbers 1 thru 99, followed by C and Cxx where xx is numbers 1 thru 99.

Models CM-S1, CM-S2, CM-S3, CM-S5, CM-S6, CM-S11, CM-S221, CM-S521 or CM-S621, followed by P, followed by CC or Cxx where xx is numbers 1 thru 99 or followed by C or Cxx where xx is numbers 1 thru 99.

Models CM-S31 or CM-S321 or CM-S421, followed by S, followed by CC or Cxx where xx is numbers 1 thru 99 or followed by C or Cxx where xx is numbers 1 thru 99.

Actuators, Model MA, followed by 1 thru 7, 9, 10 thru 16, 20, 21, followed by ACT.

Model MA-S, followed by 2, 20, 21, 34, 35, 36, followed by ACT.

Model CM-S, followed by 1, 2, 3, 5, 6, 11, 31, 221, 321, 421, 521, 621 followed by ACT.

Switches - Stand-alone, Model MFS-11 or MFS-12, followed by P11 or P20, followed by CC or Cxx where xx is numbers 1 thru 99, or followed by C and Cxx where xx is any number 1 thru 99.

Model MF-2PCxx, where xx is any number 1 thru 99.

Industrial control switches, Models SCC-2124, SCC-2224, SCC-1224.

Last Updated on 2010-09-24

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

[Copyright © 2011 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 © 2011 Underwriters Laboratories Inc.®"

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





NKCR7.E195653 Auxiliary Devices **Certified for Canada**

[Page Bottom](#)

Auxiliary Devices Certified for Canada

[See General Information for Auxiliary Devices Certified for Canada](#)

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

E195653

Actuator switches, Models MFS-11P11, MFS-11P20, MFS-11P11CC, MFS-11P20CC.

Control units, Models CM-S21-24V, CM-S41-24V, CM-S41-100V.

Extender module, Model CM-SE-24V.

Grip type enabling switches, Models ESD5020-20, ESD5020-21.

Interlock relays, Models MC-K, MF, SMT01, -02, -03, SR05, -06, -07, -08, -09, -10, -11, -12, -14, -15, -16.

Solenoid locking switches, Models TL5012, -8012-S, -8018-4, -8018-5.

Interlock switches, Models T5009, T5009-6, T5007.

Magnetically actuated interlock switches, Models MC-S, MC-S1, MC-S2, MC-S6.

Model MA-S, followed by 2, 20 or 21, followed by A or D.

Relays, Models SR203AM, SR203M, SR204P, SR208AD, SR209AD, followed by suffixes

Rope operated emergency stop switches, Models ER6019, ER4020.

Safety switches, Models T3008-02, -03, -11, -12.

Switches, Models HP2007, -2010, -3009, T2007, T2010, T3009, T4011.

Models BL6009, HP6009.

Switches and actuators, Models CM-S11PC, CM-S11PCC, CM-S31SC, CM-S31SCC, **MA-11**, followed by AP or DP, followed by 10, 11, 20, 21; Model **MA-12**, followed by AP or DP, followed by 10, 11; Model **MA-13**, followed by AP or DP, followed by 10, 11, 20, 21; **Models MA, -14, -34**, followed by DP or DS, followed by 10, 11; **Models MA, -15, -35**, followed by DP or DS, followed by 21; **Models MA, -16, -A36**, followed by AP or DP, followed by AS or DS; Model CM-S221, followed by P.

I-Rope switches, Models ER5018, ER6022, ER1022, ER1032, ER-6022-SS.

Switches and actuators, Models MA-1, MA-2, MA-10, MA-11, MA-12, MA-13, MA-14, MA-15, MA-16, MA-20, MA-21, followed by AP or DP, followed by CC or Cxx where xx is numbers 1 thru 99, followed by C and Cxx where xx is numbers 1 thru 99.

Models MA-S2, MA-S20, MA-S21, MA-34, MA-35, MA-36, followed by AS or DS, followed by CC or Cxx where xx is numbers 1 thru 99, followed by C and Cxx where xx is numbers 1 thru 99.

Models CM-S1, CM-S2, CM-S3, CM-S5, CM-S6, CM-S11, CM-S221, CM-S521 or CM-S621, followed by P, followed by CC or Cxx where xx is numbers 1 thru 99 or followed by C or Cxx where xx is numbers 1 thru 99.

Models CM-S31 or CM-S321 or CM-S421, followed by S, followed by CC or Cxx where xx is numbers 1 thru 99 or followed by C or Cxx where xx is numbers 1 thru 99.

Actuators, Model MA, followed by 1 thru 7, 9, 10 thru 16, 20, 21, followed by ACT.

Model MA-S, followed by 2, 20, 21, 34, 35, 36, followed by ACT.

Model CM-S, followed by 1, 2, 3, 5, 6, 11, 31, 221, 321, 421, 521, 621 followed by ACT.

Switches - Stand-alone. Model MFS-11 or MFS-12, followed by P11 or P20, followed by CC or Cxx where xx is numbers 1 thru 99, or followed by C and Cxx where xx is any number 1 thru 99.

Model MF-2PCxx, where xx is any number 1 thru 99.

Industrial control switches, Models SCC-2124, SCC-2224, SCC-1224.

Last Updated on 2010-09-24

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

[Copyright © 2011 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 © 2011 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