

CERTIFICATE OF COMPLIANCE

Certificate Number E480533
Report Reference E480533-20151218
Date 2020-November-03

Issued to: STMICROELECTRONICS SRL
STRADALE PRIMOSOLE, 50
CATANIACT 95121 IT

**This is to certify that
representative samples of**

SAFETY-RELATED PROGRAMMABLE COMPONENTS
AND SOFTWARE FOR AUTOMATIC ELECTRICAL
CONTROLS - COMPONENT

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

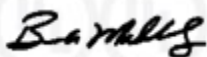
Standard(s) for Safety: See Addendum Page for Standards

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Models:

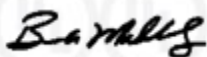
Software modules and Software libraries intended to be embedded in microcontroller STM32 family.

Microcontroller family members are:

STM32L0
STM32L1
STM32L4
STM32F0
STM32F1
STM32F2
STM32F3
STM32F4
STM32F7
STM32G0
STM32G4
STM32H7
STM32WB
STM32L5

Standards:

Annex H.11.12 of IEC 60730-1, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fourth Edition, dated 2010-03 (#)
Annex H.11.12 of IEC 60730-1, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fifth Edition, dated 2013-11 (#)
Annex H.11.12 of EN 60730-1:2011, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements (#)
Annex H.11.12 of ANSI/UL 60730-1, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fourth Edition, dated 2014-05-21
Annex H.11.12 of CSA CAN/CSA E60730-1:13, Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, Fourth Edition, dated 2013-03-01
Annex R of IEC 60335-1, Household and Similar Electrical Appliances, Part 1: General Requirements, Edition 5.1, dated December 2013 (#)
ANSI/UL 60335-1, Safety of Household and Similar Electrical Appliances, Fifth Edition, dated October 31, 2011
CAN/CSA-E60335-1:2011, Safety of Household and Similar Electrical Appliances, Fifth Edition, dated August 2011
ANSI/UL 1998, Software in Programmable Components, Third Edition, dated December 18, 2013 (#)



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