

# CERTIFICATE

Issued to:  
Applicant:  
**ABB S.p.A.**  
**ABB SACE Division**  
**Viale dell'Industria 18**  
**20010 Vittuone (MI), Italy**

Manufacturer/Licensee:  
**ABB S.p.A.**  
**ABB SACE Division**  
**Viale delle Industrie 18**  
**20010 Vittuone (MI), Italy**

Product(s) : rccb's with overcurrent protection (rcbo)  
Trade name(s) : ABB  
Type(s)/model(s) : DS203NC L

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61009-1:2012;EN 61009-2-1:1994;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900107

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 1 June 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2181527.02

DEKRA Certification B.V.

drs. G.J. Zoetbrood  
Managing Director

F.S. Strikwerda  
Certification Manager

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ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product	: rccb's with overcurrent protection (rcbo)
trade name(s)	: ABB
type(s)	: DS203NC L
design	: - functionally independent of line voltage - with integral over-current protection
rated current (I <sub>n</sub> )	: 6 A, 8 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A
rated residual current (I <sub>Δn</sub> )	: 30 mA, 300 mA for type A and type AC 30 mA for type APR
rated operational voltage (U <sub>e</sub> )	: 400 Vac
number of poles	: 3-pole + N
protected poles	: phase poles protected
behaviour to d.c. components	: type A, type AC, type APR
time delay	: without time delay
range of instantaneous tripping overcurrent	: C-type
rated short-circuit capacity (I <sub>cn</sub> )	: 4500 A
rated service short-circuit capacity (I <sub>cs</sub> )	: 4500 A
rated residual making and breaking capacity (I <sub>Δm</sub> )	: 4500 A
safety distance	: 35 mm
temperature limit	: -25 °C to +40 °C
reference ambient temperature	: 30 °C
rated frequency	: 50 Hz
rated impulse withstand voltage (U <sub>imp</sub> )	: 4 kV
method of mounting	: flush-type, for mounting in distribution board
terminal	: pillar type
degree of protection	: IP20

**Additional information**

The RCBOs type APR have an intentional short time delay but comply with requirement for type of general use.

**TESTS****Test requirements**

EN 61009-1:2012 +A1:2014 +A2:2014

EN 61009-2-1:1994 +A11:1998

**Test result**

The test results are laid down in DEKRA test file 2181527.02.

**Remarks**

This certificate is based on CCA Notification of Test Results NTR/30771/IMQ, with TRF Nos. PB15A0360678-01-00 ... -11.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : IMQ

Checked by : F. Fu

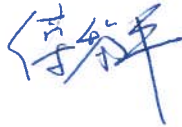
A handwritten signature in blue ink, appearing to be 'F. Fu', is written over the text 'Checked by : F. Fu'.**Factory locations**

ABB S.p.A., ABB SACE Division  
Via Ardeatina 2491, 00040, Santa Palomba (RM)  
Italy