

CERTIFICATE

Issued to:
Applicant:
ABB S.p.A.
Via Vittor Pisani, 16
20124 Milano, Italy

Licensee:
ABB S.p.A.
Viale dell' Industria 18
20010 Vittuone (MI), Italy

Product : Residual current operated circuit breakers with integral overcurrent protection (RCBO)
Trade name(s) : ABB
Type(s)/model(s) : DS201

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 61009-1:2012/A1:2014, EN 61009-1:2012/A2:2014, EN 61009-1:2012/A11:2015, EN 61009-1:2012/A12:2016, EN 61009-2-1:1994 and EN 61009-2-1:1994/A11:1998
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900107

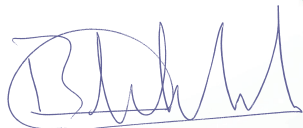
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 23 May 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-108544

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



D Huang
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Residual current operated circuit breakers with integral overcurrent protection (RCBO)
Trade name(s)	: ABB
Type(s)/model(s)	: DS201
Design	: - with integral overcurrent protection - functionally independent of line voltage
Rated current (In)	: 2 A, 4 A, 6 A, 8 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A, 40 A
Rated residual current (I Δ n)	: 10 mA, 30 mA, 100 mA, 300 mA
Rated voltage (Un)	: 230 Vac
Rated impulse withstand voltage (Uimp)	: 4 kV
Rated frequency	: 50/60 Hz
Number of poles	: 1 pole + N
Behaviour to d.c. components	: type A type AC type APR
Range of instantaneous tripping overcurrent	: characteristic B and C
Rated short-circuit capacity (Icn)	: 6000 A
Rated service short-circuit capacity (Ics)	: 6000 A
Rated residual making and breaking capacity (I Δ m)	: 6000 A
Safety distance (grid)	: 35 mm
Temperature limit	: -25°C to +40°C
Method of mounting	: flush-type, for mounting on top hat rail 35 mm
Method of electrical connection	: screw terminals (pillar)
Degree of protection	: IP20
Insulating material	: thermoplastic
Markings	: type designation and electrical ratings are shown on the body

TESTS**Test requirements**

EN 61009-1:2012
EN 61009-1:2012/A1:2014
EN 61009-1:2012/A2:2014
EN 61009-1:2012/A11:2015
EN 61009-1:2012/A12:2016
EN 61009-2-1:1994
EN 61009-2-1:1994/A11:1998

Test result

The test results are laid down in DEKRA test file 223523500.

Conclusion

The examination proved that all requirements were met.

Factory location

ABB S.p.A.
Via Ardeatina 2491
00134 Santa Palomba (RM), Italy