

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 M

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

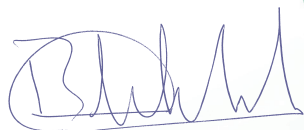
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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: 71-108545

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 M
Design	: - with integral overcurrent protection - functionally independent of line voltage
Rated current (In)	: 4 A, 6 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)	: 10000 A
Rated service short-circuit capacity (Ics)	: 7500 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

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Via Ardeatina 2491
00134 Santa Palomba (RM), Italy