

CERTIFICATE

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

Licensee:
ABB S.p.A.
Viale dell'Industria 18
20009 Vittuone (MI), Italy

Product : Residual current operated circuit-breaker (RCCBs)
Trade name(s) : AEG
Type(s)/model(s) : FN series

The product and any acceptable variation thereto as 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 EN 61008-1:2012, EN 61008-1:2012/A1:2014, EN 61008-1:2012/A2:2014, EN 61008-1:2012/A11:2015, EN 61008-1:2012/A12:2017, EN 61008-2-1:1994, EN 61008-2-1:1994/A11:1998, EN 62423:2012, EN 62423:2012/A11:2021 and EN 62423:2012/A12:2022
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 900107

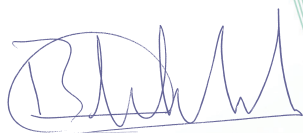
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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

This certificate is issued on 15 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-132571

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Residual current operated circuit-breaker (RCCBs)
Trade name(s)	: AEG
Type(s)/model(s)	: FN240/F30, FN263/F30, FN440/F30 and FN463/F30
Rated impulse withstand voltage (U _{imp})	: 4 kV
Rated residual operating current (I _{Δn})	: 30 mA
Rated frequency	: 50 Hz
Rated conditional short-circuit current (I _{nc})	: 10 kA
Rated conditional residual short-circuit current (I _{Δc})	: 10 kA
Method of operation	: functionally independent of line voltage
Type of installation	: for fixed installation and fixed wiring
Behaviour in presence of d.c. components	: type F
Time-delay	: type for general use
Protection against external influences	: unenclosed
Method of mounting	: distribution board type
Method of connection	: the electrical connections of RCCBs are not associated with the mechanical mounting
Safety distance "a" (grid)	: 35 mm
Type of terminals	: pillar terminal
Range of ambient air temperature	: -25 °C to +40 °C

Product data – type FN240/F30

Number of poles	: 2-pole
Rated operational voltage (U _e)	: 230 Vac
Rated current (I _n)	: 40 A
Rated making and breaking capacity (I _m)	: 500 A
Rated residual making and breaking capacity (I _{Δm})	: 500 A

Product data – type FN263/F30

Number of poles	: 2-pole
Rated operational voltage (U _e)	: 230 Vac
Rated current (I _n)	: 63 A
Rated making and breaking capacity (I _m)	: 630 A
Rated residual making and breaking capacity (I _{Δm})	: 630 A

Product data – type FN440/F30

Number of poles	: 3-pole+N
Rated operational voltage (U _e)	: 400 Vac
Rated current (I _n)	: 40 A
Rated making and breaking capacity (I _m)	: 500 A
Rated residual making and breaking capacity (I _{Δm})	: 500 A

Product data – type FN463/F30

Number of poles : 3-pole+N
Rated operational voltage (Ue) : 400 Vac
Rated current (In) : 63 A
Rated making and breaking capacity (Im) : 630 A
Rated residual making and breaking capacity (IΔm) : 630 A

TESTS**Test requirements**

EN 61008-1:2012
EN 61008-1:2012/A1:2014
EN 61008-1:2012/A2:2014
EN 61008-1:2012/A11:2015
EN 61008-1:2012/A12:2017
EN 61008-2-1:1994
EN 61008-2-1:1994/A11:1998
EN 62423:2012
EN 62423:2012/A11:2021
EN 62423:2012/A12:2022

Test result

The test results are laid down in DEKRA test file 228086400.

Conclusion

The examination proved that all requirements were met.

Factory location

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