

CERTIFICATE

Issued to:
Applicant:
ABB B.V.
Frankeneng 15
6716 AA Ede, The Netherlands

Licensee:
ABB B.V.
Frankeneng 15
6716 AA Ede, The Netherlands

Product : Connecting box for fixed electrical installations
Trade name(s) : ABB HAF
Type(s)/model(s) : HAFONORM HNL

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(s) EN IEC 60670-1:2021, EN IEC 60670-1:2021/A11:2021 and EN 60670-24:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 900017

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 23 November 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-124482

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	: Connecting box for fixed electrical installations
Trade name(s)	: ABB HAF
Type(s)/model(s)	: HAFONORM HNL
Ratings	: Up to 63 A / 400 V~
Material	: ABS (Post Consumer Plastics)
Cover	: MCB cover for 4 modules
Insulation class	: II
Rail	: DIN rail frame
Protection degree	: IP 40 top, IP 30 other sides
Impact resistance	: IK 05
Temperature during installation	: -5°C ~ +60°C

List of components

Component	Manufacturer/ Trade name	Type/Model	Approval mark ¹⁾
Base 114 x 330	ABB	1SPX002001S0125	*
Cover 114 x 330 sleeve	ABB	1SPX002003S0240	*
DIN rack 114 x 330	ABB	1SPX002016S0057	*
Screw 4,0x30 BCK Z Cr03	ABB	1SPY000942D0016	*
Incert piece blind 65- 00/1	ABB	2008.040	*
Cover closerer HFN II	ABB	2012.048	*
Cover profile for bus board (W)	ABB	2015.030	*
Strip earth rail L=71 mm	ABB	148671	*
Metal screw back MZ DIN85/4.8 M5x10 Cr3	ABB	71073	*
Clamp, chromated 2210.005	ABB	71193	*
PT screw WN1412 KB40x10 zinc plated	ABB	148672	*
Terminal block ground HAK hexagon screws	ABB	131097	*
Cover earthing block	ABB	1SPX002003S0059	*
Springring M4 with inner teeth	ABB	1SPY000942D0026	*
Screw M4x20 DIN7985 CK Pz	ABB	1SPY000942D0005	*
Earting label	ABB	1SPY000905D0018	*

¹⁾ * indicates a component tested as part of the appliance

TESTS

Test requirements

EN IEC 60670-1:2021
EN IEC 60670-1:2021/A11:2021
EN 60670-24:2013

Test result

The test results are laid down in DEKRA test file 226767500.

Conclusion

The examination proved that all requirements were met.

Factory location

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Frankeneng 15
6716 AA Ede, The Netherlands