

CERTIFICATE

Number: 2133308.03



Issued to:
Applicant:

ABB B.V.
Frankeneng 15
6716 AA Ede
The Netherlands

Manufacturer/Licensee:

ABB B.V.
Frankeneng 15
6716 AA Ede
The Netherlands

Product : connecting boxes
Trade name : ABB HAF
Type : 165A, 165B and 165C

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

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

- a type test according to the standard NEN-EN-IEC 60670-1:2005 and NEN-EN-IEC 60670-22:2007
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900017

KEMA Quality 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: 22 March 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood
Managing Director

H.R.M. Barends
Certification Manager

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



© Integral publication of this certificate is allowed

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product : connecting boxes
trade name : ABB HAF
types : 165A, 165B and 165C
rating : 16A/250V~
material : PP 850°C

Product data - type 165A

construction : connecting box square with on each side two spouts on different levels for conduits 16mm
dimensions inside : 65x65x55mm

Product data - type 165B

construction : connecting box square with on each side two spouts for conduits 16mm
dimensions inside : 65x65x55mm

Product data - type 165C

construction : connecting box square with on each side spouts on different levels for conduits 16mm
dimensions inside : 65x65x75mm

TESTS

Test requirements

NEN-EN-IEC 60670-1:2005
NEN-EN-IEC 60670-22:2007

Test result

The test results are laid down in KEMA Quality test file 2133308.03.

Remarks

This certificate is based on and replaces certificate 2083650.01 of May 19, 2005.

Conclusion

The examination proved that all test requirements were met.

Tested by : R. van Daalen

Checked by : A.A. Mackenbach

Factory location

ABB B.V.
Frankeneng 15
6716 AA Ede
The Netherlands