

CERTIFICATE

KEMA No.: 2083880.01

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

Manufacturer/Licensee:
ABB B.V.
Division AT
Frankeneng 15
6716 AA, Ede, The Netherlands

Product : fasteners for cables or conduits for electrical installations

Trade name : ABB HAF

Type/model : ZB1

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

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

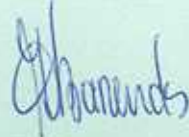
- a type test according to the standard KEMA 51:1999
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900017

KEMA 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: July 14, 2005



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	fasteners for cables or conduits for electrical installations
trade name	:	ABB HAF
type	:	ZB1

TESTS**Test requirement**

KEMA 51:1999

Test result

The test results are laid down in KEMA test file 2083880.01.

Conclusion

The examination proved that all test requirements were met.

Tested by	:	R. van Daalen
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Checked by	:	A.A. Mackenbach
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Factory-Location

ABB B.V. Division AT
Frankeneng 15, 6716 AA, Ede, The Netherlands

