

# CERTIFICATE

Number: 2131125.01

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 for casting into concrete  
Trade name : ABB-HAFOBOX  
Types : MGD40, MGD50 and MGW50

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: 29 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 for casting into concrete
design	:	with 2 spouts 19mm also suitable for slide on spouts 16mm and 19mm
trade name	:	ABB-HAFOBOX
types	:	MGD40, MGD50 and MGW50

**Product data - type MGD40**

dimensions	:	round 65mm x 50mm
------------	---	-------------------

**Product data - type MGD50**

dimensions	:	round 65mm x 50mm
------------	---	-------------------

**Product data - type MGW50**

dimension	:	round 65x50mm
cover	:	round 70mm

**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 2131125.01.

**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