

# CERTIFICATE

Number: 2135444.01

Issued to:  
Applicant:



**Zhejiang Chint Electrics Co. Ltd.**  
Chint Industrial Zone  
North Baixiang, Yueqing, Zhejiang Province  
P.R. China

Manufacturer/Licensee:  
**Zhejiang Chint Electrics Co. Ltd.**  
Chint Industrial Zone  
North Baixiang, Yueqing, Zhejiang Province  
P.R. China

Product(s) : circuit-breaker for overcurrent protection  
Trade name(s) : CHINT  
Type(s)/model(s) : NBH8-40H

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 EN 60898-1:2003;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2032236

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: 12 May 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood  
Managing Director

F.S. Strikwerda  
Certification Manager

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



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## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

product	: circuit-breaker for overcurrent protection
trade name(s)	: CHINT
type(s)	: NBH8-40H
rated current (In)	: 1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40 A
rated operational voltage (Ue)	: 240 Vac
number of poles	: 1P+N
protected poles	: phase pole protected, neutral unprotected
instantaneous tripping current	: B and C
rated frequency	: 50/60 Hz
rated short-circuit capacity (Icn)	: 6 kA
rated service short-circuit capacity (Ics)	: 6 kA
energy limiting class	: class 3
terminals	: screw type terminals; pillar terminal
method of mounting	: flush type, for mounting on top hat rail 35 mm
safety distance 'a' grid	: 45 mm
temperature limit	: 30 °C
degree of protection against moisture	: IP20
markings	: tradename, type designation and the complete electrical ratings are shown on the body

## TESTS

### Test requirements

EN 60898-1:2003 + A1:2004 + A11:2005 + A12:2008

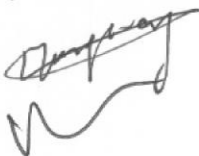
### Test results

The test results are laid down in KEMA Quality test files 3301039.50 and 2135444.01. This certificate is also based on CB Certificate SE-46267 and TRF 607783-1.

### Conclusion

The examination proved that all test requirements were met.

Tested by : Harry Wang



Checked by : Eric Wang

### Factory locations

Zhejiang Chint Electrics Co. Ltd.  
Chint Industrial Zone  
North Baixiang, Yueqing, Zhejiang Province  
P.R. China