

# CERTIFICATE

Issued to:  
Applicant:  
**Zhejiang Chint Electric Co., Ltd.**  
No.1,Chint Road,Chint Industrial Zone, North  
Baixiang, Yueqing, Zhejiang, P.R.China

Manufacturer/Licensee:  
**Zhejiang Chint Electric Co., Ltd.**  
No.1,Chint Road,Chint Industrial Zone, North  
Baixiang, Yueqing, Zhejiang, P.R.China

Product(s) : Moulded-Case Circuit Breaker  
Trade name(s) : CHINT  
Type(s)/model(s) : NM8S-1600S/H

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 EN 60947-2:2006;IEC 60947-2:2006;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2032236

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 of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

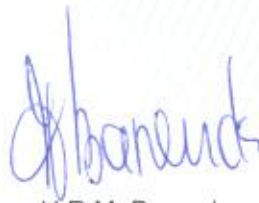
This certificate is issued on: 15 June 2012 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2150766.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product	: Moulded-Case Circuit Breaker
type(s)	: NM8S-1600S/H
trade name(s)	: CHINT
number of poles	: 3P or 4P (3P+N, N does not have overcurrent protection)
protected poles	: 3
rated operational voltage (Ue)	: 380 / 400 / 415 Vac
rated insulation voltage (Ui)	: 750 Vac
rated impulse withstand voltage (Uimp)	: 8 kV
rated frequency	: 50 / 60 Hz
rated current (In)	: 1000 A, 1250 A, 1600 A
rated operational current (Ie)	: 0,4 ~ 1,0 In
conventional thermal current (Ith)	: Equal to In
rated ultimate short-circuit breaking capacity (Icu)	: 50 kA for NM8S-1600S 70 kA for NM8S-1600H
rated service short-circuit breaking capacity (Ics)	: Ics = 50% Icu
rated short-time withstand current (Icw)	: 16 kA / 0,5 s for phase pole 10,5 kA / 0,5 s for N pole
suitable for isolation	: Suitable
utilization category	: A
method of mounting	: Fixed
EMC Environment	: A and B
circuit-breaker for use on phase-earthed systems	: N/A
circuit-breaker for use in IT systems	: N/A
reference temperature	: N/A
connection	: Copper bars
safety distance	: Up/down: 0 mm, left/right: 0 mm, front/back: 0 mm
instantaneous release	: 1,5 ~ 12 In time setting: fixed
short time delay release	: Off, 1,5 ~ 8 In time setting: 0,1 ~ 0,4 s
inverse time delay release	: 0,4 ~ 1,0 In time setting: 0,1 ~ 0,4 s
ground fault protection	: off, 0,5 In, 1,0 In (Neutral only) time setting: 0,1 ~ 0,4 s (Neutral only)

**TESTS****Test requirements**

EN 60947-2:2006 + A1:2009

IEC 60947-2:2006 + A1:2009

**Test result**

The test results are laid down in DEKRA test file 2150766.01 and report 3302160.50.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : Eric Wang



Checked by : Fred Fu

**Factory locations**

Zhejiang Chint Electrics Co.,Ltd.  
No.1,Chint Road,Chint Industrial Zone, North Baixiang,  
Yueqing, Zhejiang  
P.R.China