

# 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) : MCCB  
Trade name(s) : CHINT  
Type(s)/model(s) : NM1-63H

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 + A1:2009 + A2:2013; IEC 60947-2:2006 + A1:2009 + A2:2013;
- 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: 18 August 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3307668.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



F.S. Strikwerda  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



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

product	: MCCB
trade name(s)	: CHINT
type(s)	: NM1-63H
number of poles	: 3P and 4P (unprotected N pole)
protected pole	: 3
rated operational voltage (Ue)	: 220 / 230 / 240 / 380 / 400 / 415 Vac
rated insulation voltage (Ui)	: 500 Vac
rated impulse withstand voltage (Uimp)	: 6 kV
rated current (In)	: 10 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
rated operational current (Ie)	: Equal to In
conventional thermal current (Ith)	: Equal to In
current rating for four-pole circuit-breakers	: N/A
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C
rated ultimate short-circuit breaking capacity (Icu)	: 42 kA at 220 / 230 / 240 Vac, 35 kA at 380 / 400 / 415 Vac,
rated service short-circuit breaking capacity (Ics)	: Ics = 50% Icu
suitable for isolation	: Suitable
utilization category	: A
safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm
instantaneous release	: Magnetic type, fixed, li = 10 In
time setting of the instantaneous release	: Fixed
inverse time delay release	: Thermal type, fixed,
time setting of the inverse time delay release	: Fixed, Trip time at 2 In: 30 s ≤ t ≤ 540 s
EMC environment	: A and B
Individual pole short-circuit breaking capacity (Isu)	: N/A
Individual pole short-circuit breaking capacity (Iit)	: N/A
line/load terminal connection	: Marked Copper conductor with cable lug

**Additional information**

Nomenclature breakdown:

NM1-63H/4300

a b c d

a = Model name: NM1

b = Frame size: 63

c = short-circuit capacity, H

d = pole numbers, '4' means 3P MCCBs, '3' means 3P MCCBs

**TESTS****Test requirements**

EN 60947-2:2006 + A1:2009 + A2:2013

IEC 60947-2:2006 + A1:2009 + A2:2013

**Test result**

The test results are laid down in DEKRA test file 3307668.01 and reports 3307668.50, W0808102.50, 2026608.50/51.

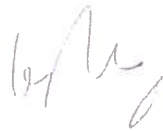
**Remarks**

This certificate is based on and replaces certificate no. 2137937.01 issued on 2010-09-14.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : King Wang

A handwritten signature in black ink, appearing to read "King Wang".

Checked by : Eric Wang

A handwritten signature in black ink, appearing to read "Eric Wang".**Factory locations**

Zhejiang Chint Electrics Co., Ltd.

No.1318, Binhai No.2 Avenue, Economic and Technical Development Zone, Wenzhou City, Zhejiang Province, P.R. China