

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) : NM1-125R, NM1-125H

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: 29 June 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3307670.01

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: MCCB
trade name(s)	: CHINT
type(s)	: NM1-125H, NM1-125R
number of poles	: 2P, 3P and 4P (unprotected N pole)
protected pole	: 2 or 3
rated operational voltage (Ue)	: 220 / 230 / 240 / 380 / 400 / 415 / 660 / 690 Vac for 3P and 4P 220 / 230 / 240 / 380 / 400 / 415 Vac for 2P
rated insulation voltage (Ui)	: 800 Vac
rated impulse withstand voltage (Uimp)	: 8 kV
rated current (In)	: 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 75 A, 80 A, 100 A, 125 A
rated operational current (Ie)	: Equal to In
conventional thermal current (Ith)	: Equal to In
current rating for four-pole circuit-breakers	: Equal to In
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C
rated ultimate short-circuit breaking capacity (Icu)	: 85 kA at 220 / 230 / 240 Vac, 65 kA at 380 / 400 / 415 Vac, 10 kA at 660 / 690 Vac (only 3P/4P) for R series 65 kA at 220 / 230 / 240 Vac, 50 kA at 380 / 400 / 415 Vac, 8 kA at 660 / 690 Vac (only 3P/4P) for H series
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, 2 poles in series: $I_i = 10 I_n$ single pole: $12 I_n$
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 $2 I_n$: $30 \text{ s} \leq t \leq 540 \text{ s}$
EMC environment	: A and B
Individual pole short-circuit breaking capacity (I _{su})	: N/A
Individual pole short-circuit breaking capacity (I _{it})	: N/A
line/load terminal connection	: Marked Copper conductor with cable lug

Additional information

Nomenclature breakdown:

NM1-125x/y300

a b c d

a = Model name: NM1

b = Frame size: 125

c = short-circuit capacity, 'R' or 'H'

d = pole numbers, '4' means 4P MCCBs, '3' means 3P MCCBs, '2' means 2P 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 3307670.01 and report 3307670.50.

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



Checked by : 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