

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) : NM8-250R, NM8-250H, NM8-250S, NM8-250C

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.

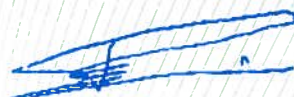
This certificate is issued on: 25 July 2013 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3304775.01

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 COUNCIL
FOR ACCREDITATION



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|---|--|
| product | : MCCB |
| trade name(s) | : CHINT |
| type(s) | : NM8-250R, NM8-250H, NM8-250S, NM8-250C |
| number of poles | : 2P / 3P / 4P (protected N pole) |
| protected pole | : 2 / 3 / 4 |
| rated operational voltage (Ue) | : 220 / 230 / 240 / 380 / 400 / 415 / 660 / 690 Vac |
| rated insulation voltage (Ui) | : 800 Vac |
| rated impulse withstand voltage (Uimp) | : 8 kV |
| rated current (In) | : 100 A, 125 A, 160 A, 180 A, 200 A, 225 A, 250 A |
| rated operational current (Ie) | : 0,8 - 1,0 In |
| conventional thermal current (Ith) | : Equal to In |
| current rating for four-pole circuit-breakers | : Equal to In |
| rated frequency | : 50 / 60 Hz |
| rated ultimate short-circuit breaking capacity (Icu) | : 150 kA at 415 Vac, 10 kA at 690 Vac for R series 100 kA at 415 Vac, 10 kA at 690 Vac for H series 50 kA at 415 Vac, 10 kA at 690 Vac for S series 35 kA at 415 Vac for C series |
| rated service short-circuit breaking capacity (Ics) | : Ics = 100% Icu |
| suitable for isolation | : Suitable |
| utilization category | : A |
| safety distance (screen-circuit breaker) | : All sides: 0 mm, |
| instantaneous release | : Magnetic type, adjustable, Ii: 5 In, 6 In, 7 In, 8 In, 10 In, 12 In |
| time setting of the instantaneous release | : Fixed |
| inverse time delay release | : Thermal type, adjustable, 0,8 In, 0,9 In, 1,0 In |
| time setting of the inverse time delay release | : Fixed |
| method of mounting | : Fixed |
| EMC environment | : A and B |
| Individual pole short-circuit breaking capacity (Isu) | : 2,5 kA at 690 Vac except C series |
| Individual pole short-circuit breaking capacity (Iit) | : 3,6 kA at 690 Vac except C series |
| line/load terminal connection | : Unmarked Copper conductor with cable lug |

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 3304775.01 and reports 3304775.50, W0805123.51, S0509040.51.

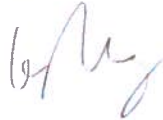
Remarks

This certificate is also based on and replaces certificate no. 2139069.01 issued on 2010-11-02.

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.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang, P.R. China