

CERTIFICATE

Number: 2138107.01



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

Manufacturer/Licensee:
Zhejiang Chint Electrics 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-1250H, NM8S-1250S, NM8S-800H, NM8S-800S

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 60947-2:2006;
- 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: 4 October 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood
Managing Director

H.L. Schendstok
Certification Manager

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



© Integral publication of this certificate is allowed

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	: moulded case circuit-breaker
trade name(s)	: CHINT
type(s)	: NM8S-1250H, NM8S-1250S, NM8S-800H, NM8S-800S
number of poles	: 3P and 3P+N
number of protected poles	: 3 (N pole not overcurrent protected)
rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
rated insulation voltage (Ui)	: 750 Vac
rated impulse withstand voltage (Uimp)	: 8 kV
rated frequency	: 50 / 60 Hz
rated operational current (Ie)	: 630 A / 700 A / 800 A for NM8S-800H / NM8S-800S 630 A / 700 A / 800 A / 1000 A / 1250 A for NM8S-1250H / NM8S-1250S
conventional thermal current (Ith)	: equal to Ie
current rating for four-pole circuit-breakers	: equal to Ie
suitable for isolation	: yes
utilization category	: A
electromagnetic compatibility (EMC)	: Environment A and B
rated ultimate short-circuit breaking capacity (Icu)	: 50 kA for NM8S-1250S / NM8S-800S 70 kA for NM8S-1250H / NM8S-800H
rated service short-circuit breaking capacity (Ics)	: 50 % of Icu
rated short-time withstand current (Icw)	: 12 kA / 0,5 s
safety distance (screen circuit-breaker)	: 0 mm
inverse time delay tripping setting (I _r)	: 0,4 I _n / 0,5 I _n / 0,6 I _n / 0,7 I _n / 0,8 I _n / 0,9 I _n / 0,95 I _n / 1,0 I _n
inverse time delay time setting (T _r)	: 3 s / 6 s / 12 s / 18 s (time setting is equal to tripping time at current 6 I _r) (tolerance: +/- 15 %)
definite time delay tripping setting (I _{sd})	: OFF / 1,5 I _n / 2 I _n / 3 I _n / 4 I _n / 5 I _n / 6 I _n / 8 I _n
definite time delay time setting (T _{sd})	: 0,1 s / 0,2 s (tolerance: +/- 40 ms), 0,3 s / 0,4 s (tolerance: +/- 15 %)
instantaneous tripping setting (I _i)	: 1,5 I _n / 2 I _n / 3 I _n / 4 I _n / 5 I _n / 6 I _n / 8 I _n / 10 I _n / 12 I _n
earthing fault protection tripping setting (I _g)	: OFF / 0,5 I _n / 1,0 I _n (for N pole only)
earthing fault protection time setting (T _g)	: 0,1 s / 0,2 s (tolerance: +/- 40 ms), 0,3 s / 0,4 s (tolerance: +/- 15 %)
electrical control circuits	: no
shunt release	: no
undervoltage release	: no
degree of protection	: IP20
method of mounting	: fixed
connecting capacity	: 2 x 185 mm ² - 2 x 80 x 5 mm ²

TESTS

Test requirements

EN 60947-2:2006 + A1:2009

Test result

The test results are laid down in KEMA Quality test files 2138107.01 and 330146400.

Conclusion

The examination proved that all test requirements were met.

Tested by : King Wang

King Wang

Checked by : Fred Fu

J. G. Eric Wang

[Signature]

Factory locations

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