

CERTIFICATE

Issued to:
Applicant:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road, Chint Industrial Zone, North
Baixiang, Yueqing,
325603 Zhejiang, China

Licensee:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road, Chint Industrial Zone, North
Baixiang, Yueqing,
325603 Zhejiang, China

Product : Moulded-Case Circuit-Breaker
Trade name(s) : CHINT
Type(s)/model(s) : NM1B-100C and NM1B-125C

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(s) EN 60947-2:2017, EN 60947-2:2017/A1:2020, IEC 60947-2:2016 and IEC 60947-2:2016/A1:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2032236

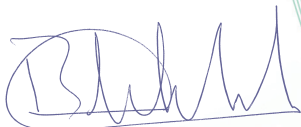
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 15 September 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-125157

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Moulded-Case Circuit-Breaker
Trade name(s)	: CHINT
Type(s)/model(s)	: NM1B-100C and NM1B-125C
Number of poles	: 1P
Rated operational voltage (U _e)	: 220 Vac / 230 Vac / 240 Vac
Rated insulation voltage (U _i)	: 800 V
Rated impulse withstand voltage (U _{imp})	: 8 kV
Rated frequency	: 50 / 60 Hz
Conventional thermal current (I _{th})	: Equal to I _n
Reference temperature	: 40 °C or 50 °C
Suitable for isolation	: Suitable
Rated service short-circuit breaking capacity (I _{cs})	: 10 kA
Rated ultimate short-circuit breaking capacity (I _{cu})	: 10 kA
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 / 0 mm
Instantaneous release	: Magnetic type, fixed, I _i = 10 I _n
Time setting of the instantaneous	: Fixed
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, trip time at 2 I _n : 30 s ≤ t ≤ 720 s
Method of mounting	: Fixed
EMC environment	: A and B
Rated tightening torque for terminals	: M8 / 10 Nm (for unprepared cable) M6 / 4 Nm (for prepared cable)
Line/load terminal	: Immaterial
Connection	: Copper conductor (1 - 50 mm ²) Copper conductor with cable lug

Product data – type NM1B-100C

Rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 45 A, 50 A, 55 A, 60 A, 63 A, 65 A, 70 A, 75 A, 80 A, 85 A, 90 A, 100 A
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Product data – type NM1B-125C

Rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 45 A, 50 A, 55 A, 60 A, 63 A, 65 A, 70 A, 75 A, 80 A, 85 A, 90 A, 100 A, 105 A, 110 A, 115 A, 120 A, 125 A
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TESTS**Test requirements**

EN 60947-2:2017
EN 60947-2:2017/A1:2020
IEC 60947-2:2016
IEC 60947-2:2016/A1:2019

Test result

The test results are laid down in DEKRA test file 332493100.

Additional information

Nomenclature breakdown:

NM1B -125 C

a b c

a = Model name: 'NM1B'

b = Frame size: '125' or '100'

c = Short-circuit capacity: 'C'

The referred test report is 3324931.50.

Conclusion

The examination proved that all requirements were met.

Factory location

Zhejiang Chint Electrics Co., Ltd.

No. 1318, Binhai No. 2 Avenue, Economic and Technical Development Zone,
325025 Wenzhou Zhejiang, China