

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Moulded-Case Circuit-Breaker

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

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

Note: When more than one factory, please report on page 2

Additional information on page 2

Ratings and principal characteristics

Ue: 220 Vac / 230 Vac / 240 Vac, 50 / 60 Hz
Ui: 800 V, Uimp: 8 kV, 1P
In for NM1B-100C:
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
In for NM1B-125C:
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
Icu: 10 kA
Ics: 10 kA
See annex for further ratings

Trademark (if any)

CHINT

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

NM1B-125C, NM1B-100C

Additional information (if necessary may also be reported on page 2)

Additional information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-2:2016, IEC 60947-2:2016/AMD1:2019

As shown in the Test Report Ref. No. which forms part of this Certificate

3324931.50

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051
Arnhem, 6825 MJ
Netherlands



Date: 2022-09-12

Signature: H.L. Schendstok

Ratings:

Number of poles	: 1P
Rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac
Rated insulation voltage (Ui)	: 800 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated frequency	: 50 / 60 Hz
Conventional thermal current (Ith)	: Equal to In
Reference temperature	: 40 °C or 50 °C
Suitable for isolation	: Suitable
Rated service short-circuit breaking capacity (Ics)	: 10 kA
Rated ultimate short-circuit breaking capacity (Icu)	: 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, 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 ≤ 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 Connection	: Immaterial Copper conductor (1 - 50 mm ²) Copper conductor with cable lug

Product rating – type NM1B-100C

Rated current (In)	: 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 rating – type NM1B-125C

Rated current (In)	: 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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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'