

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. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, 325603
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 / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz
In: 1 A, 2 A, 3 A, 4 A, 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A
Ui: 500 V, Uimp: 4 kV
1P, 1P+N, 2P, 3P, 3P+N and 4P (N pole without overload protection)
Icu: 6 kA
Ics = 100% Icu
See annex for further ratings

Trademark / Brand (if any)

CHINT

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

NXB-63

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

3326272.50

This CB Test Certificate is issued by the National Certification Body

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



Date: 2023-02-28

Signature: F.S.Strikwerda

Ratings:

Number of poles	: 1P, 1P+N, 2P, 3P, 3P+N and 4P (N pole without overload protection)
Rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac for 1P and 1P+N, 380 Vac / 400 Vac / 415 Vac for 2P, 3P, 3P+N and 4P
Rated insulation voltage (Ui)	: 500 V
Rated impulse withstand voltage (Uimp)	: 4 kV
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 1 A, 2 A, 3 A, 4 A, 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A
Conventional thermal current (Ith)	: Equal to In
Rated service short-circuit breaking capacity (Ics)	: 100% Icu
Rated ultimate short-circuit breaking capacity (Icu)	: 6 kA
Individual pole short-circuit (I _{IT})	: 15 In (D type), 9 In (C type), 4,8 In (B type)
Suitable for isolation	: Not suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm / 0 mm Left / Right: 50 mm / 50 mm Up / Down: 50 mm / 50 mm
Reference temperature	: 30 °C
Method of mounting	: Fixed
EMC environment	: A and B
Tightening torque for terminals	: M5 / 2 Nm
Line/load terminal	: Immaterial
Connection	: Unprepared copper conductors (0,2 - 16 mm ²)
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, trip time at 2 In: 18 s ≤ t ≤ 200 s
Instantaneous release	: Magnetic type, fixed I _i = 12,5 In (D type), or 7,5 In (C type), or 4 In (B type)
Pollution degree	: 2

Additional information

Nomenclature breakdown:

NXB-63 XXXXA

a b c

a - Model name: NXB-63

 b –the symbol of instantaneous tripping: ‘B’ means I_i = 4 In, ‘C’ means I_i = 7,5 In, ‘D’ means I_i = 12,5 In

c - Current rating: 1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A