

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

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

☐ Additional information on page 2

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

Ratings and principal characteristics

Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz
Ui: 800 V, Uimp: 8 kV
In: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
3P and 4P (N pole with or without overcurrent protection)
Icu:
35 kA at 220 Vac / 230 Vac / 240 Vac,
25 kA at 380 Vac / 400 Vac / 415 Vac
Ics:
18 kA at 220 Vac / 230 Vac / 240 Vac,
13 kA at 380 Vac / 400 Vac / 415 Vac
See annex for further ratings

Trademark (if any)

CHINT

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

NM1-63S

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

☐ Additional information on page 2

This certificate replaces certificate no. NL-54302 issued on 2018-09-25.
The tests were performed in 2018.

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

3320122.50

This CB Test Certificate is issued by the National Certification Body

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



Ratings:

Number of poles	: 3P and 4P (N pole with or without overcurrent protection)
Protected pole	: 3 or 4
Rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
Rated insulation voltage (Ui)	: 800 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
Rated service short-circuit breaking capacity (Ics)	: 18 kA at 220 Vac / 230 Vac / 240 Vac 13 kA at 380 Vac / 400 Vac / 415 Vac
Rated ultimate short-circuit breaking capacity (Icu)	: 35 kA at 220 Vac / 230 Vac / 240 Vac 25 kA at 380 Vac / 400 Vac / 415 Vac
Suitable for isolation	: Suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm / 0 mm
Reference temperature	: 40 °C
Method of mounting	: Fixed
EMC environment	: A and B
Tightening torque for terminals	: 4 Nm
Line/load terminal	: Marked
Connection	: Copper conductor with cable lug
Inverse time delay release	: Thermal type, fixed
Time setting of the inverse time delay release	: Fixed, trip time at 2 In: 32 s ≤ t ≤ 360 s (10 - 25 A), 60 s ≤ t ≤ 720 s (30 - 63 A)
Instantaneous release	: Magnetic type, fixed, 2 poles in series: Ii = 10 In single pole: 14 In

Additional information

Nomenclature breakdown:

NM1-63 S / 4 300 B

a b c d e

a = Model name: 'NM1'

b = Frame size: 63

c = Short-circuit capacity: 'S'

d = Pole numbers, '4' means 4P MCCBs, '3' means 3P MCCBs

e = For Neutral pole, 'B' means N pole without overcurrent protection, 'C' means N pole with overcurrent protection