

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 2Zhejiang 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: 500 V, Uimp: 6 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 without overcurrent protection)
See annex for further ratings

Trademark (if any)

CHINT

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

NM1-63H and NM1-63S

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

☐ Additional information on page 2

This certificate replaces certificate no. NL-59211 issued on 2019-07-15 and NL-61568 issued on 2019-11-07. The tests were performed in 2019, 2015, 2010 and 2004.

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

3320123.50, 3320123.51, 3316460.50, 3315444.50, 3307669.50, 3307668.50, W0808102.50, W0808102.61 and 2026608.50/51/52

This CB Test Certificate is issued by the National Certification Body

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

Ratings:

| | |
|--|--|
| Protected pole | : 3 |
| Rated operational voltage (Ue) | : 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac |
| Rated insulation voltage (Ui) | : 500 V |
| Rated impulse withstand voltage (Uimp) | : 6 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 |
| Suitable for isolation | : Suitable |
| Selectivity category | : A |
| Safety distance (screen-circuit breaker) | : Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm |
| Reference temperature | : 40 °C |
| Method of mounting | : Fixed |
| EMC environment | : A and B |
| Tightening torque for terminals | : 3 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, li = 10 In |

Product rating - NM1-63H

| | |
|--|--|
| Number of poles | : 3P and 4P (N pole without overcurrent protection) |
| Current rating for four-pole circuit-breakers | : Equal to In |
| Rated service short-circuit breaking capacity (Ics) | : Ics = 50% Icu |
| Rated ultimate short-circuit breaking capacity (Icu) | : 42 kA at 220 Vac / 230 Vac / 240 Vac 35 kA at 380 Vac / 400 Vac / 415 Vac |

Product rating - NM1-63S

| | |
|--|--|
| Number of poles | : 3P |
| Rated service short-circuit breaking capacity (Ics) | : Ics = 50% Icu |
| Rated ultimate short-circuit breaking capacity (Icu) | : 20 kA at 220 Vac / 230 Vac / 240 Vac 15 kA at 380 Vac / 400 Vac / 415 Vac |

Additional information

Nomenclature breakdown:

NM1-63 H / 4 300

a b c d

a = Model name: 'NM1'

b = Frame size: 63

c = Short-circuit capacity: 'S' or 'H'

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