



# CB TEST CERTIFICATE

Ref. Certificate No.

NL-37032

## IEC SYSTEM OF CONFORMITY ASSESSMENT SCHEMES FOR ELECTROTECHNICAL EQUIPMENT AND COMPONENTS (IECEE) CB SCHEME

**Issued by:** DEKRA Certification B.V.

**Product:** Moulded-Case Circuit Breaker

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

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

**Factory:** Zhejiang Chint Electrics Co., Ltd. No.1318, Binhai No.2 Avenue, Economic and Technical Development Zone, Wenzhou City, Zhejiang Province China

**Rating and principal characteristics:**  
Ue: 220 / 230 / 240 / 380 / 400 / 415 Vac  
In: 10 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 50 / 60 Hz  
Ui: 500 Vac, Uimp: 6 kV, 3P  
Icu: 20 kA at 240 Vac, 25 kA at 415 Vac  
Ics = 50% Icu  
See annex for further ratings

**Trade mark (if any):** CHINT

**Model/Type reference:** NM1-63S

**Additional information:** This certificate is based on and replaces the certificate no. NL-18991 issued on 2010-09-20.

**Sample of product tested to be in conformity with IEC:** 60947-2(ed.4);am1;am2

**Test Report Ref. No:** 3307669.50, W0808102.61 and 2026608.52

This CB Test Certificate is issued by the National Certification Body:

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

Signed by: F.S.Strikwerda

Date of issue: 2015-07-29



**Ratings:**

number of poles	: 3P
protected pole	: 3
rated operational voltage (Ue)	: 220 / 230 / 240 / 380 / 400 / 415 Vac
rated insulation voltage (Ui)	: 500 Vac
rated impulse withstand voltage (Uimp)	: 6 kV
rated current (In)	: 10 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
rated operational current (Ie)	: Equal to In
conventional thermal current (Ith)	: Equal to In
current rating for four-pole circuit-breakers	: N/A
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C
rated ultimate short-circuit breaking capacity (Icu)	: 20 kA at 220 / 230 / 240 Vac, 15 kA at 380 / 400 / 415 Vac,
rated service short-circuit breaking capacity (Ics)	: Ics = 50% Icu
suitable for isolation	: Suitable
utilization category	: A
safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm
instantaneous release	: Magnetic type, fixed, Ii = 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 ≤ 540 s
EMC environment	: A and B
Individual pole short-circuit breaking capacity (Isu)	: N/A
Individual pole short-circuit breaking capacity (IIT)	: N/A
line/load terminal connection	: Marked Copper conductor with cable lug

**Additional information:**

Nomenclature breakdown:

NM1-63S/3300

a    b c d

a = Model name: NM1

b = Frame size: 63

c = short-circuit capacity: S

d = pole numbers, '3' means 3P MCCBs