

CERTIFICATE

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

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

Product : Moulded-case circuit-breaker
Trade name(s) : CHINT
Type(s)/model(s) : NM1-63H and NM1-63S

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN 60947-2:2017, EN 60947-2:2017/A1:2020, IEC 60947-2:2016 and IEC 60947-2:2016/A1:2019
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2032236

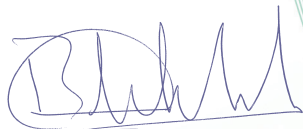
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 17 June 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-117958

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Moulded-case circuit-breaker
Trade name(s)	: CHINT
Type(s)/model(s)	: NM1-63H and NM1-63S
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, I _n = 10 I _n

Product data – type NM1-63H

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

Product data – type NM1-63S

Number of poles	: 3P
Rated service short-circuit breaking capacity (I _{cs})	: I _{cs} = 50% I _{cu}
Rated ultimate short-circuit breaking capacity (I _{cu})	: 20 kA at 220 Vac / 230 Vac / 240 Vac 15 kA at 380 Vac / 400 Vac / 415 Vac

TESTS**Test requirements**

EN 60947-2:2017
EN 60947-2:2017/A1:2020
IEC 60947-2:2016
IEC 60947-2:2016/A1:2019

Test result

The test results are laid down in DEKRA test file 332012300.

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

The referred test report are 3320123.50, 3320123.51, 3316460.50, 3315444.50, 3307669.50, 3307668.50, W0808102.50, W0808102.61 and 2026608.50/51/52.

This certificate replaces certificate No. 33-110751 which we hereby declare invalid.

This certificate replaces certificate No. 33-109011 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Zhejiang Chint Electrics Co., Ltd.

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