

ATTESTATION OF CONFORMITY

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

For the product: MCCB

Trade name: CHINT

Type/Model: NXM-160S, NXMP-160S, NXMH-160S, NXM-160E, NXMP-160E and NXMH-160E

Ratings: Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz
Ui: 800 Vac, Uimp: 8 kV
In: 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 70 A, 75 A, 80 A, 100 A, 125 A, 140 A, 150 A, 160 A
2P, 3P and 4P (unprotected N pole or protected N pole)
See annex for further ratings

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

Subject: Type test

Requirements: EN 60947-2:2017, IEC 60947-2:2016

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test report no 3311991.50 issued on 2018-02-06.

This Attestation implies that the examined types are in accordance with the standards designated under the Low voltage directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Wenzhou, Zhejiang 3 March 2018

Number: 3311991.01A

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo
Certification Manager

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The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.



Ratings:

| | |
|---|---|
| number of poles | : 2P, 3P and 4P (unprotected N pole or protected N pole) |
| protected pole | : 2, 3 or 4 |
| rated operational voltage (Ue) | : 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac |
| rated insulation voltage (Ui) | : 800 Vac |
| rated impulse withstand voltage (Uimp) | : 8 kV |
| rated current (In) | : 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 70 A, 75 A, 80 A, 100 A, 125 A, 140 A, 150 A, 160 A |
| rated operational current (Ie) | : Equal to In |
| conventional thermal current (Ith) | : Equal to In |
| current rating for four-pole circuit-breakers | : Equal to In |
| rated frequency | : 50 / 60 Hz |
| reference temperature | : 40 °C or 55 °C |
| rated service short-circuit breaking capacity (Ics) | : 30 kA at 220 Vac / 230 Vac / 240 Vac 20 kA at 380 Vac / 400 Vac / 415 Vac |
| 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, li: 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: 1 min ≤ t ≤ 12 min |
| method of mounting | : Fixed |
| EMC environment | : A and B |
| Individual pole short-circuit breaking capacity (Iit) | : 1920 A at 415 Vac |
| rated tightening torque for terminals | : 10 Nm |
| line/load terminal connection | : Marked Copper conductor with cable lug |

Product rating - NXM-160S

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|--|--|
| rated ultimate short-circuit breaking capacity (Icu) | : 50 kA at 220 Vac / 230 Vac / 240 Vac 36 kA at 380 Vac / 400 Vac / 415 Vac |
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Product rating - NXMP-160S

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| rated ultimate short-circuit breaking capacity (Icu) | : 50 kA at 220 Vac / 230 Vac / 240 Vac 36 kA at 380 Vac / 400 Vac / 415 Vac |
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Product rating - NXMH-160S

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| rated ultimate short-circuit breaking capacity (Icu) | : 50 kA at 220 Vac / 230 Vac / 240 Vac 36 kA at 380 Vac / 400 Vac / 415 Vac |
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Product rating - NXM-160E

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| rated ultimate short-circuit breaking capacity (Icu) | : 40 kA at 220 Vac / 230 Vac / 240 Vac 20 kA at 380 Vac / 400 Vac / 415 Vac |
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Product rating - NXMP-160E

rated ultimate short-circuit breaking capacity (Icu) : 40 kA at 220 Vac / 230 Vac / 240 Vac
20 kA at 380 Vac / 400 Vac / 415 Vac

Product rating - NXMH-160E

rated ultimate short-circuit breaking capacity (Icu) : 40 kA at 220 Vac / 230 Vac / 240 Vac
20 kA at 380 Vac / 400 Vac / 415 Vac

Additional information

Nomenclature breakdown:

NXM-160 S / 4 300 B

a b c d e

a = Model name: 'NXM', 'NXMP', 'NXMH'

b = Frame size: 160

c = Short-circuit capacity: 'S', 'E'

d = Pole numbers, '4' means 4P MCCBs, '3' means 3P MCCBs, '2' means 2P MCCBs

e = For Neutral pole, 'B' means unprotected N pole, 'C' means protected N pole