

CERTIFICATE

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

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

Product : Moulded-Case Circuit Breaker
Trade name(s) : CHINT
Type(s)/model(s) : NXM-800F, NXM-800H, NXMH-800F, NXMH-800H, NXMP-800F and NXMP-800H

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 EN 60947-2:2017
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a 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 of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 9 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-103044

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Rosa 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) | : NXM-800F, NXM-800H, NXMH-800F, NXMH-800H, NXMP-800F and NXMP-800H |
| Number of poles | : 3P and 4P (unprotected N pole or protected N pole) |
| 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) | : 1000 Vac |
| Rated impulse withstand voltage (Uimp) | : 12 kV |
| Rated current (In) | : 630 A, 700 A, 800 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) | : 75 kA at 220 Vac / 230 Vac / 240 Vac, 50 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: 100 mm, Up / Down: 100 mm |
| Instantaneous release | : Magnetic type, fixed, 2 poles in series: $I_i = 10 I_n$ single pole: $12 I_n$ |
| Time setting of the instantaneous release | : Fixed |
| Inverse time delay release | : Thermal type, Fixed or adjustable $I_r: (0,7, 0,8, 0,9, 1,0) \times I_n$ |
| Time setting of the inverse time delay release | : Fixed, trip time at $2 I_n: 2 \text{ min} \leq t \leq 18 \text{ min}$ |
| Method of mounting | : Fixed |
| EMC environment | : A and B |
| Individual pole short-circuit breaking capacity (Iit) | : 9,6 kA at 415 Vac |
| Rated tightening torque for terminals | : 30 Nm |
| Line/load terminal | : Marked |
| Connection | : Copper conductor with cable lug |

Product data – type NXM-800F

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| Rated ultimate short-circuit breaking capacity (Icu) | : 75 kA at 220 Vac / 230 Vac / 240 Vac 50 kA at 380 Vac / 400 Vac / 415 Vac |
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Product data – type NXM-800H

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| Rated ultimate short-circuit breaking capacity (Icu) | : 100 kA at 220 Vac / 230 Vac / 240 Vac 70 kA at 380 Vac / 400 Vac / 415 Vac |
|--|---|

Product data – type NXMH-800F

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| Rated ultimate short-circuit breaking capacity (Icu) | : 75 kA at 220 Vac / 230 Vac / 240 Vac 50 kA at 380 Vac / 400 Vac / 415 Vac |
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Product data – type NXMH-800H

Rated ultimate short-circuit breaking capacity (Icu) : 100 kA at 220 Vac / 230 Vac / 240 Vac
70 kA at 380 Vac / 400 Vac / 415 Vac

Product data – type NXMP-800F

Rated ultimate short-circuit breaking capacity (Icu) : 75 kA at 220 Vac / 230 Vac / 240 Vac
50 kA at 380 Vac / 400 Vac / 415 Vac

Product data – type NXMP-800H

Rated ultimate short-circuit breaking capacity (Icu) : 100 kA at 220 Vac / 230 Vac / 240 Vac
70 kA at 380 Vac / 400 Vac / 415 Vac

TESTS**Test requirements**

EN 60947-2:2017

Test result

The test results are laid down in DEKRA test file 331199800.

Additional information

NXM - 800 H / 4 300 T B

a b c d e f

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

b = Frame size: '800'

c = Short-circuit capacity: 'F', 'H'

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

e = 'Blank' means overload release is fixed, 'T' means overload release is adjustable

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

The referred test report is 3311998.50.

The product also complies with IEC 60947-2:2016.

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,
Wenzhou, Zhejiang, China