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)	:	NXM-125F, NXM-125H, NXM-63F, NXM-63H, NXMH-125F, NXMH-125H, NXMH-63F, NXMH-63H, NXMP-125F, NXMP-125H, NXMP-63F and NXMP-63H

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 2 August 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-104887

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

Kreny Lin
Certification Manager

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PRODUCTS
RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Moulded-Case Circuit Breaker
Trade name(s)	:	CHINT
Type(s)/model(s)	:	NXM-125F, NXM-125H, NXM-63F, NXM-63H, NXMH-125F, NXMH-125H, NXMH-63F, NXMH-63H, NXMP-125F, NXMP-125H, NXMP-63F and NXMP-63H
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 / 500 Vac
Rated insulation voltage (Ui)	:	800 V
Rated impulse withstand voltage (Uimp)	:	8 kV
Rated operational current (Ie)	:	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)	:	50 kA at 220 Vac / 230 Vac / 240 Vac, 36 kA at 380 Vac / 400 Vac / 415 Vac, 15 kA at 500 Vac
Suitable for isolation	:	Suitable
Selectivity category	:	A
Safety distance (screen-circuit breaker)	:	Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm / 0 mm
Instantaneous release	:	Magnetic type, fixed, Ii: 10 In, single pole: 14 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 ≤ 20 min
Method of mounting	:	Fixed
EMC environment	:	A and B
Line/load terminal	:	Marked
Connection	:	Copper conductor with cable lug

Product data – type NXM-125F

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, 15 kA at 500 Vac
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, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
Individual pole short-circuit breaking capacity (Iit)	:	1,5 kA at 500 Vac
Rated tightening torque for terminals	:	6 Nm for 65 A -125 A 4 Nm for 10 A - 63 A

Product data – type NXM-125H

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, 25 kA at 500 Vac
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, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A

Individual pole short-circuit breaking capacity (Iit)	:	1,5 kA at 500 Vac
Rated tightening torque for terminals	:	6 Nm for 65 A -125 A 4 Nm for 10 A - 63 A

Product data – type NXM-63F

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, 15 kA at 500 Vac
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
Individual pole short-circuit breaking capacity (Iit)	:	756 A at 500 Vac
Rated tightening torque for terminals	:	4 Nm

Product data – type NXM-63H

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, 25 kA at 500 Vac
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
Individual pole short-circuit breaking capacity (Iit)	:	756 A at 500 Vac
Rated tightening torque for terminals	:	4 Nm

Product data – type NXMH-125F

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, 15 kA at 500 Vac
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, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
Individual pole short-circuit breaking capacity (Iit)	:	1,5 kA at 500 Vac
Rated tightening torque for terminals	:	6 Nm for 65 A -125 A 4 Nm for 10 A - 63 A

Product data – type NXMH-125H

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, 25 kA at 500 Vac
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, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
Individual pole short-circuit breaking capacity (Iit)	:	1,5 kA at 500 Vac
Rated tightening torque for terminals	:	6 Nm for 65 A -125 A 4 Nm for 10 A - 63 A

Product data – type NXMH-63F

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, 15 kA at 500 Vac
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
Individual pole short-circuit breaking capacity (Iit)	:	756 A at 500 Vac
Rated tightening torque for terminals	:	4 Nm

Product data – type NXMH-63H

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; 25 kA at 500 Vac
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
Individual pole short-circuit breaking capacity (Iit)	:	756 A at 500 Vac
Rated tightening torque for terminals	:	4 Nm

Product data – type NXMP-125F

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, 15 kA at 500 Vac
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, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
Individual pole short-circuit breaking capacity (Iit)	:	1,5 kA at 500 Vac
Rated tightening torque for terminals	:	6 Nm for 65 A -125 A 4 Nm for 10 A - 63 A

Product data – type NXMP-125H

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, 25 kA at 500 Vac
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, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
Individual pole short-circuit breaking capacity (Iit)	:	1,5 kA at 500 Vac
Rated tightening torque for terminals	:	6 Nm for 65 A -125 A 4 Nm for 10 A - 63 A

Product data – type NXMP-63F

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, 15 kA at 500 Vac
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
Individual pole short-circuit breaking capacity (Iit)	:	756 A at 500 Vac
Rated tightening torque for terminals	:	4 Nm

Product data – type NXMP-63H

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, 25 kA at 500 Vac
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
Individual pole short-circuit breaking capacity (Iit)	:	756 A at 500 Vac
Rated tightening torque for terminals	:	4 Nm

TESTS

Test requirements
EN 60947-2:2017

Test result
The test results are laid down in DEKRA test file 331253200.

Additional information
Nomenclature breakdown:
NXM-125 F / 4 300 B
a b c d e
a = Model name: ‘NXM’, ‘NXMP’, ‘NXMH’
b = Frame size: 125 or 63
c = Short-circuit capacity: ‘F’, ‘H’
d = Pole numbers, ‘4’ means 4P MCCBs, ‘3’ means 3P MCCBs
e = For Neutral pole, ‘B’ means unprotected N pole, ‘C’ means protected N pole

The referred test report is 3312532.50.

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,
325025 Wenzhou, Zhejiang, China