

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) : NXMS-400S, NXMS-630S, NXMSH-400S, NXMSH-630S, NXMSP-400S and NXMSP-630S

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.

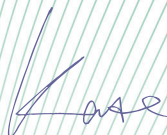
This certificate is issued on 18 June 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-104269

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kate Xu
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)	: NXMS-400S, NXMS-630S, NXMSH-400S, NXMSH-630S, NXMSP-400S and NXMSP-630S
Number of poles	: 3P and 4P (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 V
Rated impulse withstand voltage (Uimp)	: 12 kV
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: 0,5 In, 1 In, OFF
Rated frequency	: 50 / 60 Hz
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
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
Rated short-time withstand current (Icw)	: 8 kA / 1 s at 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
Suitable for isolation	: Suitable
Selectivity category	: B
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 100 mm, Up / Down: 100 mm
Instantaneous release	: li (instantaneous tripping setting): (2, 3, 4, 6, 8, 10, 12) x In or OFF
Time setting of the instantaneous release	: Fixed
Time setting of the inverse time delay release	: 12 s, 60 s, 100 s, 150 s with tolerance of $\pm 20\%$ (at 2 Ir) Trip time at 2 Ir: Set at 12 s: 12 s $\pm 20\%$ Set at 150 s: 150 s $\pm 20\%$
Short time delay release	: Isd (short time delay tripping setting): (1,5, 2, 3, 4, 5, 6, 8) x Ir or OFF
Time setting of short time delay release	: tsd (short time delay tripping setting): 0,3 s with tolerance of $\pm 0,06$ s Non-tripping duration: 0,24 s
Method of mounting	: Fixed
EMC environment	: A and B
Individual pole short-circuit breaking capacity (lit)	: 6,048 kA at 415 Vac
Rated tightening torque for terminals	: 22 Nm
Line/load terminal	: Marked
Connection	: Copper conductor with cable lug

Product data – type NXMS-400S

Rated current (In)	: 400 A
Inverse time delay release	: Ir (inverse time delay tripping setting): 200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 A, 400 A

Product data – type NXMS-630S

Rated current (In)	: 630 A
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Inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 A, 600 A, 630 A

Product data – type NXMSH-400S

Rated current (In) : 400 A
Inverse time delay release : Ir (inverse time delay tripping setting):
200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 A, 400 A

Product data – type NXMSH-630S

Rated current (In) : 630 A
Inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 A, 600 A, 630 A

Product data – type NXMSP-400S

Rated current (In) : 400 A
Inverse time delay release : Ir (inverse time delay tripping setting):
200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 A, 400 A

Product data – type NXMSP-630S

Rated current (In) : 630 A
Inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 A, 600 A, 630 A

TESTS**Test requirements**

EN 60947-2:2017

Test result

The test results are laid down in DEKRA test file 331200600.

Additional information

Nomenclature breakdown:

NXMS - 630 S / 4 300

a b c d

a = Model name: 'NXMS', 'NXMSP', 'NXMSH'

b = Frame size: '630', '400'

c = Short-circuit capacity: 'S'

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

The referred test report is 3312006.50.

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