

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) : NXMS-1000H, NXMS-1000S, NXMSH-1000H, NXMSH-1000S, NXMSP-1000H
and NXMSP-1000S

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

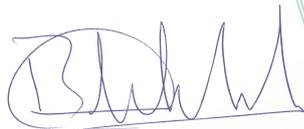
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 29 September 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-120409

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



S.L. Vaslyeva
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

Product	: Moulded-Case Circuit-Breaker
Trade name(s)	: CHINT
Type(s)/model(s)	: NXMS-1000H, NXMS-1000S, NXMSH-1000H, NXMSH-1000S, NXMSP-1000H and NXMSP-1000S
Number of poles	: 3P and 4P (N pole with overcurrent protection)
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
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 1000 A, 800 A
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: 0,5 In, 1 In, OFF
Rated short-time withstand current (Icw)	: 12 kA / 1 s at 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
Individual pole short-circuit breaking capacity (lit)	: 9,6 kA at 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
Method of mounting	: Fixed
EMC environment	: A and B
Rated tightening torque for terminals	: 30 Nm
Line/load terminal	: Marked
Connection	: Copper conductor with cable lug or copper bar
Inverse time delay release	: Ir (inverse time delay tripping setting): 500 A, 550 A, 600 A, 630 A, 660 A, 700 A, 750 A, 800 A (In: 800 A) 630 A, 680 A, 720 A, 780 A, 820 A, 900 A, 950 A, 1000 A (In: 1000 A)
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
Instantaneous release	: Ii (instantaneous tripping setting): (2, 3, 4, 6, 8, 10, 12) x In or OFF
Time setting of the instantaneous release	: Fixed

Product data – type NXMS-1000H, NXMSH-1000H and NXMSP-1000H

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
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 NXMS-1000S, NXMSH-1000S and NXMSP-1000S

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 ultimate short-circuit breaking capacity (Icu)	: 75 kA at 220 Vac / 230 Vac / 240 Vac 50 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 332006900.

Additional information

Nomenclature breakdown:

NXMS - 1000 H / 4 300

a b c d

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

b = Frame size: '1000'

c = Short-circuit capacity: 'H' or 'S'

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

The referred test reports no. 3320069.50 and 3320069.51.

This certificate replaces certificate No. 33-103682 which we hereby declare invalid.

This certificate replaces certificate No. 33-103649 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