

ATTESTATION OF CONFORMITY

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

For the product: Moulded-Case Circuit-Breaker

Trade name: CHINT

Type/Model: NXMS-1600H, NXMSP-1600H, NXMSH-1600H, NXMS-1600S, NXMSP-1600S and NXMSH-1600S
NXMS-1250H, NXMSP-1250H, NXMSH-1250H, NXMS-1250S, NXMSP-1250S and NXMSH-1250S

Ratings: Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz
Ui: 1000 V, Uimp: 12 kV, 3P and 4P (protected N pole)
In: NXMS-1600H, NXMSP-1600H, NXMSH-1600H, NXMS-1600S, NXMSP-1600S and NXMSH-1600S: 1600 A
NXMS-1250H, NXMSP-1250H, NXMSH-1250H, NXMS-1250S, NXMSP-1250S and NXMSH-1250S: 1250 A
See annex for further ratings

Manufactured by: Zhejiang Chint Electric 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 test report no 3312010.50 issued on 2018-05-24.

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.

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

Wenzhou, Zhejiang, 19 June 2018

Number: 3312010.01A

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	: 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 short-time withstand current (Icw)	: 19,2 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)	: 15,36 kA at 415 Vac
rated tightening torque for terminals	: 30 Nm
line/load terminal connection	: Marked Copper busbar

Product rating - NXMS-1250H

rated current (In)	: 1250 A
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
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
inverse time delay release	: Ir (inverse time delay tripping setting): 630 A, 700 A, 800 A, 900 A, 1000 A, 1100 A, 1200 A, 1250 A

Product rating - NXMS-1250S

rated current (In)	: 1250 A
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
inverse time delay release	: Ir (inverse time delay tripping setting): 630 A, 700 A, 800 A, 900 A, 1000 A, 1100 A, 1200 A, 1250 A

Product rating - NXMS-1600H

rated current (In)	: 1600 A
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
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
inverse time delay release	: Ir (inverse time delay tripping setting): 800 A, 900 A, 1000 A, 1100 A, 1250 A, 1400 A, 1500 A, 1600 A

Product rating - NXMS-1600S

rated current (In)	: 1600 A
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
inverse time delay release	: Ir (inverse time delay tripping setting): 800 A, 900 A, 1000 A, 1100 A, 1250 A, 1400 A, 1500 A, 1600 A

Product rating - NXMSH-1250H

rated current (In)	: 1250 A
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
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
inverse time delay release	: Ir (inverse time delay tripping setting): 630 A, 700 A, 800 A, 900 A, 1000 A, 1100 A, 1200 A, 1250 A

Product rating - NXMSH-1250S

rated current (In)	: 1250 A
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
inverse time delay release	: Ir (inverse time delay tripping setting): 630 A, 700 A, 800 A, 900 A, 1000 A, 1100 A, 1200 A, 1250 A

Product rating - NXMSH-1600H

rated current (In)	: 1600 A
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
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
inverse time delay release	: Ir (inverse time delay tripping setting): 800 A, 900 A, 1000 A, 1100 A, 1250 A, 1400 A, 1500 A, 1600 A

Product rating - NXMSH-1600S

rated current (In)	: 1600 A
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
inverse time delay release	: Ir (inverse time delay tripping setting): 800 A, 900 A, 1000 A, 1100 A, 1250 A, 1400 A, 1500 A, 1600 A

Product rating - NXMSP-1250H

rated current (In)	: 1250 A
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
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
inverse time delay release	: Ir (inverse time delay tripping setting): 630 A, 700 A, 800 A, 900 A, 1000 A, 1100 A, 1200 A, 1250 A

Product rating - NXMSP-1250S

rated current (In)	: 1250 A
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
inverse time delay release	: Ir (inverse time delay tripping setting): 630 A, 700 A, 800 A, 900 A, 1000 A, 1100 A, 1200 A, 1250 A

Product rating - NXMSP-1600H

rated current (In)	: 1600 A
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
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
inverse time delay release	: Ir (inverse time delay tripping setting): 800 A, 900 A, 1000 A, 1100 A, 1250 A, 1400 A, 1500 A, 1600 A

Product rating - NXMSP-1600S

rated current (In)	: 1600 A
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
inverse time delay release	: Ir (inverse time delay tripping setting): 800 A, 900 A, 1000 A, 1100 A, 1250 A, 1400 A, 1500 A, 1600 A

Additional information

Nomenclature breakdown:

NXMS - 1600 H / 4 300

a b c d

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

b = Frame size: 1600, 1250

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

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