

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: Circuit-breakers incorporating residual current protection

Trade name: CHINT

Type/Model: NXMLE-160S

Ratings: Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz
Ui: 800 Vac, Uimp: 8 kV
In: 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, 140 A, 150 A, 160 A
2P (unprotected N pole or protected N pole),
3P and 4P (solid N pole and unprotected N pole)
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 a test report no. 3312011.50 issued on 2018-04-10.

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, 23 April 2018

Number: 3312011.01A

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.



DEKRA Testing Services (Zhejiang) Co., Ltd.

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Ratings:

number of poles	: 2P (unprotected N pole or protected N pole), 3P and 4P (solid N pole and unprotected N pole)
protected pole	: 2 or 3
rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
rated insulation voltage (Ui)	: 800 Vac
rated impulse withstand voltage (Uimp)	: 8 kV
rated current (In)	: 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, 140 A, 150 A, 160 A
conventional thermal current (Ith)	: Equal to In
current rating for four-pole circuit-breakers	: Equal to In
rated residual operating current (IΔn)	: Fixed: 30 mA, 50 mA, 100 mA, 200 mA, 300 mA, 400 mA, 500 mA, 600 mA, 800 mA or 1000 mA Adjustable with fixed steps: 30/50/100 mA, 50/100/200 mA, 100/200/300 mA, 100/300/500 mA, 200/300/500 mA or 300/500/1000 mA
time setting of rated residual operating current	: Non-time-delay or non-adjustable time-delay: 0,1 s, 0,2 s, 0,3 s, 0,4 s, 0,5 s, 0,6 s, 0,7 s or 0,8 s
the limiting non-actuating time at 2IΔn (Δt)	: 0,1 s, 0,2 s, 0,3 s, 0,4 s, 0,5 s, 0,6 s, 0,7 s or 0,8 s
residual short-circuit making and breaking capacity (IΔm)	: 12,5 kA at 220 Vac / 230 Vac / 240 Vac 8,75 kA at 380 Vac / 400 Vac / 415 Vac
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C
rated service short-circuit breaking capacity (Ics)	: 30 kA at 220 Vac / 230 Vac / 240 Vac 18 kA at 380 Vac / 400 Vac / 415 Vac
rated ultimate short-circuit breaking capacity (Icu)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 35 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: 50 mm, Up / Down: 50 mm
instantaneous release	: Magnetic type, fixed, li: 10 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 ≤ 12 min
method of mounting	: Fixed
EMC environment	: A
rated tightening torque for terminals	: 10 Nm
line/load terminal connection	: Marked Copper conductor with cable lug

Additional information

Nomenclature breakdown:

NXMLE-160 S / 4 300 B

a b c d e

a = Model name: 'NXMLE'

b = Frame size: 160

c = Short-circuit capacity: 'S'

d = Pole numbers, '4' means 4P CBRs, '3' means 3P CBRs, '2' means 2P CBRs

e = For Neutral pole, 'A' means solid N pole, 'B' means unprotected N pole, 'C' means protected N pole