

# 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 : Circuit-breakers incorporating residual current protection  
Trade name(s) : CHINT  
Type(s)/model(s) : NXMLE-250S

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 29 May 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-103700

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Henk Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Circuit-breakers incorporating residual current protection
Trade name(s)	: CHINT
Type(s)/model(s)	: NXMLE-250S
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 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated current (In)	: 160 A, 170 A, 180 A, 200 A, 225 A, 250 A
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
Rated residual operating current (I $\Delta$ n)	: 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 2I $\Delta$ n ( $\Delta$ t)	: 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 (I $\Delta$ m)	: 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 $\leq$ t $\leq$ 14 min
Method of mounting	: Fixed
EMC environment	: A
Rated tightening torque for terminals	: 12 Nm
Line/load terminal	: Marked
Connection	: Copper conductor with cable lug

**TESTS****Test requirements**

EN 60947-2:2017



**Test result**

The test results are laid down in DEKRA test file 331201300.

**Additional information**

Nomenclature breakdown:

NXMLLE-250 S / 4 300 B

a        b c d    e

a = Model name: 'NXMLLE'

b = Frame size: 250

c = Short-circuit capacity: 'S'

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

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

The referred test report is 3312013.50.

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