

# 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 : Residual current operated circuit-breakers with integral overcurrent protection (RCBOs)  
Trade name(s) : CHINT  
Type(s)/model(s) : NB4LE

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 61009-1:2012, EN 61009-1:2012/A1:2014, EN 61009-1:2012/A2:2014, EN 61009-1:2012/A11:2015 and EN 61009-1:2012/A12:2016
- 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 4 September 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-114932

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

Product	: Residual current operated circuit-breakers with integral overcurrent protection (RCBOs)
Trade name(s)	: CHINT
Type(s)/model(s)	: NB4LE
Number of poles	: 2P
Number of protected poles	: 2 protected pole
Rated current (In)	: 6, 10, 13, 16, 20, 25, 32 A
Rated residual current (I $\Delta$ n)	: 30 mA
Classification of rcbos functionally dependent on the line voltage	: Yes
Rated voltage (Un)	: 230 / 240 Vac
Rated frequency (Hz)	: 50 / 60 Hz
Behaviour to d.c. Components	: Type A
Time delay	: Without time-delay
Range of instantaneous tripping overcurrent	: B and C type
Rated short-circuit capacity (Icn)	: 6 kA
Rated service short-circuit capacity (Ics)	: 6 kA
Rated residual making and breaking capacity (I $\Delta$ m)	: 3 kA
Energy limiting class	: Class 3
The grid distance "a"	: 50 mm
Ambient air temperature	: -25 °C ... + 40 °C
Reference calibration temperature	: 30 °C

**TESTS****Test requirements**

EN 61009-1:2012  
EN 61009-1:2012/A1:2014  
EN 61009-1:2012/A2:2014  
EN 61009-1:2012/A11:2015  
EN 61009-1:2012/A12:2016

**Test result**

The test results are laid down in DEKRA test file 331793100.

**Additional information**

The referred test report is 3317931.50.

The product also complies with IEC 61009-1:2010, A1:2012, A2:2013 and IEC 61009-2-2:1991.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

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