

# 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) : NB2LE and NB2LE-N

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 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, EN 61009-2-1:1994/A11:1998, IEC 61009-1:2010, IEC 61009-1:2010/A1:2012, IEC 61009-1:2010/A2:2013 and IEC 61009-2-2:1991
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2032236

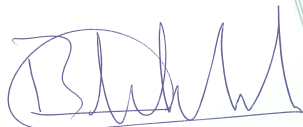
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 4 January 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-121858

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.L. Schendstok  
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)	: NB2LE and NB2LE-N
Number of poles	: 1P+N
Number of protected poles	: 1 protected pole
Rated current (In)	: 6, 10, 16, 20, 25, 32, 40 A
Rated residual current (I <sub>dn</sub> )	: 30, 100, 300 mA
Classification of RCBOs functionally dependent on the line voltage	: yes
Rated voltage (U <sub>n</sub> )	: 230 / 240 Vac
Rated frequency (Hz)	: 50 / 60 Hz
Behaviour to d.c. components	: type A and AC
Time delay	: without time delay
Range of instantaneous tripping overcurrent	: B and C type
Rated residual making and breaking capacity (I <sub>Δm</sub> )	: 3000 A
Energy limiting class	: 1
Safety distance "a" (grid)	: 45 mm
Ambient air temperature	: -25 °C ... + 40 °C
Reference calibration temperature	: 30 °C

**Product data – type NB2LE**

Rated short-circuit capacity (I <sub>cn</sub> )	: 6 kA
Rated service short-circuit capacity (I <sub>cs</sub> )	: 6 kA

**Product data – type NB2LE-N**

Rated short-circuit capacity (I <sub>cn</sub> )	: 4,5 kA
Rated service short-circuit capacity (I <sub>cs</sub> )	: 4,5 kA

**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  
EN 61009-2-1:1994/A11:1998  
IEC 61009-1:2010  
IEC 61009-1:2010/A1:2012  
IEC 61009-1:2010/A2:2013  
IEC 61009-2-2:1991

**Test result**

The test results are laid down in DEKRA test file 332340000.

**Additional information**

The referred test report is 3323400.50 and based on Intertek CB certificate no. SE-100574M1 with CB test reports 200301103SHA-001 and 200301103SHA-001M1.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

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