

CERTIFICATE

Issued to:
Applicant:
Zhejiang Chint Electrics Co., Ltd.
No.1, Chint Road, Chint Industrial Zone, North
Baixiang, Yueqing, Zhejiang, P. R. China

Manufacturer/Licensee:
Zhejiang Chint Electrics Co., Ltd.
No.1, Chint Road, Chint Industrial Zone, North
Baixiang, Yueqing, Zhejiang, P. R. China

Product(s) : residual current circuit breakers with integral overcurrent protection (RCBO)
Trade name(s) : CHINT
Type(s)/model(s) : NB1L

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 + A1:2014 + A2:2014 + A11:2015; EN 61009-2-1:1994 + A11:1998; IEC 61009-1:2010 + A1:2012 + A2:2013; IEC 61009-2-1:1991
- 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: 09 August 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3310241.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.L. Schendstok
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	residual current circuit breakers with integral overcurrent protection (RCBO)
trade name(s)	:	CHINT
type(s)	:	NB1L
number of poles	:	1P+N
number of protected poles	:	1
rated current (In)	:	2, 4, 6, 10, 13, 16, 20, 25, 32, 40 A
rated residual current (I _{dn})	:	30, 100, 300 mA
rated voltage (U _n)	:	220 / 230 / 240 Vac
rated frequency (Hz)	:	50 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 short-circuit capacity (I _{cn})	:	6000 A or 7500 A
rated service short-circuit capacity (I _{cs})	:	6000 A or 10000 A
rated residual making and breaking capacity (I _{dm})	:	3000 A
energy limiting class	:	3
safety distance "a" (grid)	:	50 mm
temperature limit	:	- 25 °C ... + 40 °C
reference ambient temperature	:	30 °C

TESTS**Test requirements**

EN 61009-1:2012 + A1:2014 + A2:2014 + A11:2015
EN 61009-2-1:1994 + A11:1998
IEC 61009-1:2010 + A1:2012 + A2:2013
IEC 61009-2-1:1991

Test result

The test results are laid down in DEKRA test file 3310241.01 and reports no. 3310241.50, 3306652.50, 3302588.52, 3302588.50 and W0811042.50.

Remarks

The certificate replaces KEMA-KEUR certificate no. 3306652.01 issued on 2014-10-28.

Conclusion

The examination proved that all test requirements were met.

Tested by : Lester Wang



Checked by : Eric Wang

**Factory locations**

Zhejiang Chint Electrics Co., Ltd.
No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang, P.R. China