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) : NB310L

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 + A12:2016; 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: 30 August 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3310570.01

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	Residual current circuit breakers with integral overcurrent protection (RCBO)
trade name(s)	:	CHINT
type(s)	:	NB310L
number of poles	:	3P+N
number of protected poles	:	3
rated current (In)	:	6, 10, 13, 16, 20, 25, 32, 40 A
rated residual current (Idn)	:	0,03 A
rated voltage (Un)	:	230 / 400 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 short-circuit capacity (Icn)	:	6000 A
rated service short-circuit capacity (Ics)	:	6000 A
rated residual making and breaking capacity (Idm)	:	3000 A
rated making and breaking capacity (Im)	:	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 + A12:2016
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 3310570.01 and reports no. 3310570.50 and 3305783.50.

Remarks
The certificate replaces KEMA-KEUR certificate no. 3305783.01 issued on 2014-04-24.

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