

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 : Thermal overload relay
Trade name(s) : CHINT
Type(s)/model(s) : NR2-11.5

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 IEC 60947-4-1:2019 and EN 60947-5-1:2017
- 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 27 September 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-109948

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



M. Triulzi
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	: Thermal overload relay
Trade name(s)	: CHINT
Type(s)/model(s)	: NR2-11.5
Kind of equipment	: Thermal Overload Relay
Number of poles	: 3
Kind of current (a.c. or d.c.)	: a.c
Interrupting medium	: Air
Method of operation	: Automatic and by hand
Rated frequency	: 50 / 60 Hz
Rated duties	: Uninterrupted operation duty
Rated and limiting values, main circuit	: As below
Rated operational voltage Ue (V)	: 380 / 400 / 415, 660 Vac
Rated insulation voltage Ui (V)	: 690 V
Rated impulse withstand voltage Uimp(kV)	: 6 kV
Conventional free air thermal current Ith (A)	: 13 A
Rated operational current Ie (A) or rated operational powers	: 0,1-0,16 A, 0,16-0,25 A, 0,25-0,4 A, 0,4-0,63 A, 0,63-1 A, 1-1,6 A, 1,25-2 A, 1,6-2,5 A, 2,5-4 A, 4-6 A, 5,5-8 A, 7-10 A, 9-13 A
Rated uninterrupted current Iu (A)	: Equal to Ie
Rated prospective short-circuit current "r" (kA)	: 1 kA
Rated conditional short-circuit current Iq (kA)	: 50 kA
Type of co-ordination SCPD	: 1 Fuse: RT36-00 (NT00) gG 25 A, 690 Vac, 50 kA Manufacturer is CHINT,
Terminal Terminations	: Flexible and rigid stranded wire: 0,5 mm ² -2,5 mm ² One side, screw terminals, one conductor per terminal Other side, pins to be connected to contactors
Auxiliary circuits	: As below
Rated operational voltage Ue (V)	: AC-15: 380 Vac, 220 Vac, DC-13: 220 Vdc
Rated insulation voltage: Ui (V)	: 690 V
Rated impulse withstand voltage Uimp(kV)	: 6 kV
Rated operational current: Ie (A)	: AC-15, 1,58 A at 380 Vac, 2,73 A at 220 Vac DC-13, 0,2 A at 220 Vdc
Kind of current	: AC or DC
Rated frequency: (Hz)	: 50 / 60 Hz
Number of circuits	: 2
Number and kind of contact elements	: 1 NO and 1 NC
Rated uninterrupted current: Iu (A)	: Equal to Ie
Utilization category: (AC, DC, current and voltage)	: AC-15, 1,58 A at 380 Vac, 2,73 A at 220 Vac DC-13, 0,2 A at 220 Vdc
Short-circuit characteristic	: As below
Rated conditional short-circuit current (kA)	: 1 kA
Kind of protective device	: Fuse: RT36-00 (NT00), 6 A, 500 Vac, 120 kA Manufacturer is CHINT

TESTS

Test requirements

EN IEC 60947-4-1:2019
EN 60947-5-1:2017

Test result

The test results are laid down in DEKRA test file 331636600.

Additional information

The referred test reports are No. 3316366.50 and 3316366.51.

The product also complies with IEC 60947-4-1:2018, IEC 60947-5-1:2016.

This certificate replaces certificate No. 3308249.01 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Zhejiang Chint Electrics Co., Ltd.
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325603 Zhejiang, China