

CERTIFICATE

Issued to:
Applicant:
Zhejiang CHINT Electric Co., Ltd.
No.1, Chint Road, CHINT Industrial Zone, North
Baixiang, Yueqing, Zhejiang Province,
P.R.CHINA

Manufacturer/Licensee:
Zhejiang CHINT Electric Co., Ltd.
No.1, Chint Road, CHINT Industrial Zone, North
Baixiang, Yueqing, Zhejiang Province,
P.R.CHINA

Product(s) : Thermal overload relay
Trade name(s) : CHINT
Type(s)/model(s) : NR2-630

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 60947-4-1: 2010 + A1: 2012; EN 60947-5-1: 2004 + A1: 2009; IEC 60947-4-1: 2009 + A1: 2012; IEC 60947-5-1: 2003 + A1: 2009;
- 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: 21 October 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3308255.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
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) | : NR2-630 |
| General | : |
| method of operation | : Bimetal heated |
| pollution degree | : 3 |
| main circuit | : |
| number of poles | : 3 |
| rated frequency | : 50/60 Hz |
| conventional thermal current (I _{th}) | : 630 A |
| rated operational voltage (U _e) | : 380/400/415 Vac, 660 Vac |
| rated operational current I _e (A) | : 160-250 A, 200-315 A, 250-400 A, 315-500 A, 400-630 A |
| rated insulation voltage (U _i) | : 690 V |
| rated impulse withstand voltage (U _{imp}) | : 6 kV |
| rated conditional short-circuit current ("I _r ") | : 18 kA |
| rated conditional short-circuit current ("I _q ") | : 50 kA |
| type of co-ordination | : 1 |
| SCPD | : fuse RT36-4(NT4), gG 800 A, 50 kA at 690 Vac |
| Terminal | : Prepared conductors (cables with lug): 35 mm ² - 2x185 mm ² |
| auxiliary circuit | : |
| number and kind of contact elements | : 1 NO and 1 NC |
| rated frequency | : 50/60 Hz |
| utilization category | : AC-15, DC-13 |
| conventional thermal current (I _{th}) | : 5 A |
| rated current (I _e) | : AC-15: 1,58 A, 380 Vac; 2,73 A, 220 Vac DC-13: 0,2 A, 220 Vdc |
| rated conditional short-circuit current | : 1 kA with fuse RT36-00 (NT00 gG 6 A 120 kA at 500 Vac) |

TESTS**Test requirements**

EN 60947-4-1: 2010 + A1: 2012
EN 60947-5-1: 2004 + A1: 2009
IEC 60947-4-1: 2009 + A1: 2012
IEC 60947-5-1: 2003 + A1: 2009

Test result

The test results are laid down in DEKRA test file 3308255.01 and test reports No. 3308255.50 and 3301041.57.

Remarks

This certificate replaces the KEMA-KEUR certificate no. 2138222.01 issued on 2010-09-22.

Conclusion

The examination proved that all test requirements were met.

Tested by : Max Ma

A blue ink signature that appears to read 'Max Ma'.

Checked by : Eric Wang

A black ink signature that appears to read 'Eric Wang'.**Factory locations**

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