

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) : Electromagnetic contactor
Trade name(s) : CHINT
Type(s)/model(s) : NC7-09**, NC7-09**N, NC7-12**, NC7-12**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 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.

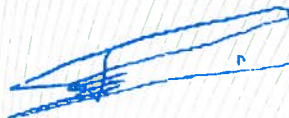
This certificate is issued on: 18 November 2013 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3305333.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

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ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | | |
|---|---|---|
| product | : | Electromagnetic contactor |
| trade name(s) | : | CHINT |
| type(s) | : | NC7-09**, NC7-09**N, NC7-12**, NC7-12**N |
| General | : | |
| method of operation | : | Electro mechanical |
| pollution degree | : | 3 |
| main circuit | : | |
| number of poles | : | 3 |
| rated frequency | : | 50 / 60 Hz |
| rated operational voltage (Ue) | : | 220 / 230 Vac; 380/400 Vac and 660/690 Vac |
| rated insulation voltage (Ui) | : | 690 V |
| rated impulse withstand voltage (Uimp) | : | 6 kV |
| control circuits | : | |
| auxiliary circuit | : | |
| rated frequency | : | 50 / 60 Hz for AC-15 |
| utilization category | : | AC-15: DC-13 |
| conventional thermal current (Ith) | : | 10 A |
| rated current (Ie) | : | AC-15: 0,95 A, 380/400 V; DC-13: 0,15 A; 220/250 V |
| rated uninterrupted current (Iu) | : | AC-15: 0,95 A, 380/400 V; DC-13: 0,15 A; 220/250 V |
| rated conditional short-circuit current | : | 1 kA with fuse RT36-10 (NT00 gG 10 A 120 kA at 500 V) |
| control Circuits | : | |
| kind of current | : | AC |
| rated frequency | : | 50 Hz |
| rated control supply voltage (Us) | : | 24, 36, 110, 127, 220, 380, 400, 415, 480, 660 Vac |

Additional information

Nomenclature breakdown:

NC7-09**, NC7-09**N, NC7-12**, NC7-12**N

** = Number of auxiliary contacts, it can be 10, 01, 11

10: 3 NO main contacts and 1 NO auxiliary contact

01: 3 NO main contacts and 1 NC auxiliary contact

11: 3 NO main contacts, 1 NO and NC auxiliary contact

N: N means the reversing type

Product data - type NC7-09, NC7-09**N**

rated operational current I_e (A) : 9 A at 220 / 230 / 380 / 400 V (AC-3)
3,5 A at 220 / 230 / 380 / 400 V (AC-4)
6,6 A at 660 / 690 V(AC-3)
1,5 A at 660 / 690 V(AC-4)

conventional thermal current (I_{th}) : 20 A

rated conditional short-circuit current : 1 kA
("r")

rated conditional short-circuit current : 50 kA
("I_q")

type of co-ordination : 1

SCPD : fuse RT36-00(NT00), gG 20 A, 50 kA at 690 V

Product data - type NC7-12, NC7-12**N**

rated operational current I_e (A) : 12 A at 220 / 230 / 380 / 400 V(AC-3)
5 A at 220 / 230 / 380 / 400 V(AC-4)
8,9 A at 660 / 690 V(AC-3)
2 A at 660 / 690 V(AC-4)

conventional thermal current (I_{th}) : 20 A

rated conditional short-circuit current : 1 kA
("r")

rated conditional short-circuit current : 50 kA
("I_q")

type of co-ordination : 1

SCPD : fuse RT36-00(NT00), gG 20 A, 50 kA at 690 V

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 3305333.01 and test reports No. 3305333.50, 3302032.50 and CQC CB test report C009-CB2012CQC-047601 issued on 2013-04-08 with certificate CN26720 issued on 2013-05-13.

Conclusion

The examination proved that all test requirements were met.

Tested by : Max Ma



Checked by : Eric Wang

**Factory locations**

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