

CERTIFICATE

Issued to:

Applicant:

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

Manufacturer/Licensee:

Zhejiang CHINT Electrics 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) : NC7-18**, NC7-18**N, NC7-22**, NC7-22**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.

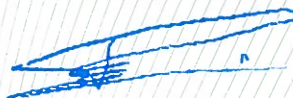
This certificate is issued on: 29 November 2013 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3305334.01

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)	:	NC7-18**, NC7-18**N, NC7-22**, NC7-22**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
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 Vac; DC-13: 0,15 A, 220/250 Vdc
rated uninterrupted current (Iu)	:	AC-15: 0,95 A, 380/400 Vac; DC-13: 0,15 A, 220/250 Vdc
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:

NC7-18**, NC7-18**N, NC7-22**, NC7-22**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 NC7-18, NC7-18**N**

rated operational current I_e (A)	:	18 A at 220 / 230 / 380 / 400 V (AC-3)
		7,7 A at 220 / 230 / 380 / 400 V (AC-4)
		12 A at 660 / 690 V(AC-3)
		3,8 A at 660 / 690 V(AC-4)
conventional thermal current (I _{th})	:	32 A
rated conditional short-circuit current ("I _r ")	:	3 kA
rated conditional short-circuit current ("I _q ")	:	50 kA
type of co-ordination	:	1
SCPD	:	fuse RT36-00(NT00), gG 32 A, 50 kA at 690 V

Product data - type NC7-22, NC7-22**N**

rated operational current I_e (A)	:	22 A at 220 / 230 / 380 / 400 V(AC-3)
		7,7 A at 220 / 230 / 380 / 400 V(AC-4)
		14 A at 660 / 690 V(AC-3)
		3,8 A at 660 / 690 V(AC-4)
conventional thermal current (I _{th})	:	32 A
rated conditional short-circuit current ("I _r ")	:	3 kA
rated conditional short-circuit current ("I _q ")	:	50 kA
type of co-ordination	:	1
SCPD	:	fuse RT36-00(NT00), gG 32 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 3305334.01 and test reports No. 3305334.50, 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