

# 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) : NC8-80, NC8-100

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.

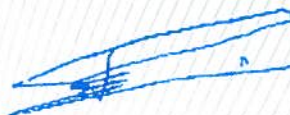
This certificate is issued on: 9 April 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3307301.01

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	:	Electromagnetic contactor
trade name(s)	:	CHINT
type(s)	:	NC8-100, NC8-80
General	:	
method of operation	:	Electromagnetic
pollution degree	:	3
main circuit	:	
number of poles	:	3, 4
rated frequency	:	50/60 Hz
rated operational voltage (Ue)	:	220/230/240 Vac; 380/400/415 Vac and 660/690 Vac
rated insulation voltage (Ui)	:	690 V
rated impulse withstand voltage (Uimp)	:	8 kV
auxiliary circuit	:	
rated frequency	:	50/60 Hz
utilization category	:	AC-15, DC-13
conventional thermal current (Ith)	:	10 A
rated current (Ie)	:	AC-15: 0,95 A, 415 Vac; DC-13: 0,27 A, 250 Vac
rated uninterrupted current (Iu)	:	AC-15: 0,95 A, 415 Vac; DC-13: 0,27 A, 250 Vac
rated conditional short-circuit current	:	1 kA with fuse RT36-00 (NT00 gG 10 A 120 kA at 500 Vac)
control circuits	:	
kind of current	:	AC, DC
rated frequency	:	50/60 Hz
rated control supply voltage (Us)	:	24, 110, 127, 220/230, 240, 380/400, 415 Vac 24, 48, 110, 220 Vdc

**Additional information**

Nomenclature breakdown

NC8-ab/c/d/e

a= Rated operational current at AC-3, 380/400/415 Vac

b= Number of auxiliary contacts

11=1NO+1NC, 4P contactor has no auxiliary contact (omitted)

c= Number of main contacts

Nil=3NO; 4=4NO; 22= 2NO+2NC

d= Z: coil is DC, B is general type (omitted)

e= N means the reversing type, Nil means not reversing

**Product data - type NC8-100**

rated operational current $I_e$ (A)	:	100 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4) 49 A at 660/690 Vac (AC-3 and AC-4)
conventional thermal current (I <sub>th</sub> )	:	125 A
rated conditional short-circuit current ("r")	:	5 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-00(NT00), gG 125 A, 50 kA at 690 Vac
Terminal	:	Rigid or copper conductor with cable lug Largest: 50 mm <sup>2</sup> /1, smallest: 10 mm <sup>2</sup> /2

**Product data - type NC8-80**

rated operational current $I_e$ (A)	:	80 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4) 49 A at 660/690 Vac (AC-3 and AC-4)
conventional thermal current (I <sub>th</sub> )	:	125 A
rated conditional short-circuit current ("r")	:	5 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-00(NT00), gG 125 A, 50 kA at 690 Vac
Terminal	:	Rigid or copper conductor with cable lug Largest: 50 mm <sup>2</sup> /1, smallest: 10 mm <sup>2</sup> /2

**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 3307301.01 and test reports No. 3307301.50, W0809035.51 and 3303082.51.

**Remarks**

This certificate replaces the KEMA-KEUR certificate no. 2151908.01 issued on 2012-03-05.

**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