

# 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) : NC7-115, NC7-150, NC7-170

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 September 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3308242.01

DEKRA Certification B.V.

  
drs. G.J. Zoetbrood  
Managing Director

  
F.S. Strikwerda  
Certification Manager

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DUTCH ACCREDITATION  
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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product	:	Electromagnetic contactor
trade name(s)	:	CHINT
type(s)	:	NC7-115, NC7-150, NC7-170
General	:	
method of operation	:	Electromagnetic
pollution degree	:	3
main circuit	:	
number of poles	:	3
rated frequency	:	50 / 60 Hz
rated operational voltage (Ue)	:	380/400 Vac, 660/690 Vac
rated insulation voltage (Ui)	:	1000 V
rated impulse withstand voltage (Uimp)	:	8 kV
auxiliary circuit	:	
type(s)	:	NCF1-11C
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, 380/400/415 Vac; DC-13: 0,27 A, 220/250 Vac
rated uninterrupted current (Iu)	:	Equal to Ie
rated conditional short-circuit current	:	1 kA, SCPD: fuse RT36-00(NT00), gG 10 A 120 kA at 500 Vac, 50 kA at 690 Vac
control circuits	:	
kind of current	:	AC, DC
rated frequency	:	50/60 Hz
rated control supply voltage (Us)	:	110, 127, 220, 380 Vac

**Product data - type NC7-115**

rated operational current $I_e$ (A)	:	200 A at 380/400, 660/690 Vac (AC-1) 115 A at 380/400 Vac (AC-3, AC-4) 86 A at 660/690 Vac (AC-3, AC-4)
conventional thermal current (I <sub>th</sub> )	:	200 A
rated conditional short-circuit current ("I <sub>r</sub> ")	:	5 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-3 (NT3), gG 315 A, 690 Vac, 50 kA

**Product data - type NC7-150**

rated operational current $I_e$ (A)	:	200 A at 380/400, 660/690 Vac (AC-1) 150 A at 380/400 Vac (AC-3, AC-4) 107 A at 660/690 Vac (AC-3, AC-4)
conventional thermal current (I <sub>th</sub> )	:	200 A
rated conditional short-circuit current ("I <sub>r</sub> ")	:	10 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-3 (NT3), gG 315 A, 690 Vac, 50 kA

**Product data - type NC7-170**

rated operational current $I_e$ (A)	:	275 A at 380/400, 660/690 Vac (AC-1) 170 A at 380/400 Vac (AC-3) 150 A at 380/400 Vac (AC-4) 118 A at 660/690 Vac (AC-3) 107 A at 660/690 Vac (AC-4)
conventional thermal current (I <sub>th</sub> )	:	275 A
rated conditional short-circuit current ("I <sub>r</sub> ")	:	10 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-3 (NT3), gG 315 A, 690 Vac, 50 kA

**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 3308242.01 and test reports No. 3308242.50, 3301693.50 and 3301693.51.

**Remarks**

This certificate replaces the KEMA-KEUR certificate no. 2141286.01 issued on 2010-12-23.

**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