

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) : NC8-115, NC8-115/N, NC8-150, NC8-150/N, NC8-170, NC8-170/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: 3305337.01

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)	:	NC8-115, NC8-115/N, NC8-150, NC8-150/N, NC8-170, NC8-170/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)	:	380 / 400 Vac and 660 / 690 Vac
rated insulation voltage (Ui)	:	690 V
rated impulse withstand voltage (Uimp)	:	8 kV
control circuits		
kind of current	:	AC / DC
rated frequency	:	50 / 60 Hz
rated control supply voltage (Us)	:	110, 127, 220, 380 Vac / Vdc
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, 380/400/415 Vac; DC-13: 0,15 A, 220/250 Vdc
rated uninterrupted current (Iu)	:	AC-15: 0,95 A, 380/400/415 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)

Product data - type NC8-115, NC8-115/N

rated operational current I_e (A)	:	200 A at 380 / 400 / 660 / 690 V (AC-1) 115 A at 380 / 400 V (AC-3, AC-4) 86 A at 660 / 690 V (AC-3, AC-4)
conventional thermal current (I _{th})	:	200 A
rated conditional short-circuit current ("r")	:	10 kA
rated conditional short-circuit current ("I _q ")	:	50 kA
type of co-ordination	:	1
SCPD	:	fuse RT36-2 (NT2), gG 224 A, 50 kA at 690 V

Product data - type NC8-150, NC8-150/N

rated operational current I_e (A)	:	200 A at 380 / 400 / 660 / 690 V (AC-1) 150 A at 380 / 400 V (AC-3, AC-4) 107 A at 660 / 690 V (AC-3, AC-4)
conventional thermal current (I _{th})	:	200 A
rated conditional short-circuit current ("r")	:	10 kA
rated conditional short-circuit current ("I _q ")	:	50 kA
type of co-ordination	:	1
SCPD	:	fuse RT36-2 (NT2), gG 224 A, 50 kA at 690 V

Product data - type NC8-170, NC8-170/N

rated operational current I_e (A)	:	275 A at 380 / 400 / 660 / 690 V (AC-1) 170 A at 380 / 400 V (AC-3), 150 A at 380 / 400 V (AC-4) 118 A at 660 / 690 V (AC-3), 86 A at 660 / 690 V (AC-4)
conventional thermal current (I _{th})	:	275 A
rated conditional short-circuit current ("r")	:	10 kA
rated conditional short-circuit current ("I _q ")	:	50 kA
type of co-ordination	:	1
SCPD	:	fuse RT36-3 (NT3), gG 315 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 3305337.01 and test reports No. 3305337.50, 3301693.51 and CQC CB test report C009-CB2012CQC-047602 issued on 2013-03-27 with CB certificate CN26721 issued on 2013-05-13.

Conclusion

The examination proved that all test requirements were met.

Tested by : Max Ma

A handwritten signature in black ink that reads 'Max Ma'.

Checked by : Eric Wang

A handwritten signature in black ink that reads 'Eric Wang'.**Factory locations**

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