

CERTIFICATE

Issued to:
Applicant:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road,
Chint Industrial Zone,
North Baixiang, Yueqing,
Zhejiang, China

Licensee:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road,
Chint Industrial Zone,
North Baixiang, Yueqing,
Zhejiang, China

Product : Electromagnetic contactor
Trade name(s) : CHINT
Type(s)/model(s) : NC8-25, NC8-32 and NC8-38

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, EN 60947-4-1:2010/A1:2012, EN 60947-5-1:2004 and EN 60947-5-1:2004/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 25 January 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-102707

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electromagnetic contactor
Trade name(s)	: CHINT
Type(s)/model(s)	: NC8-25, NC8-32 and NC8-38
Method of operation	: Electromagnetic
Pollution degree	: 3
Main circuit	: as below
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)	: 6 kV
Auxiliary circuit	: as below
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 Vdc
Rated uninterrupted current (Iu)	: AC-15: 0,95 A, 415 Vac; DC-13: 0,27 A, 250 Vdc
Rated conditional short-circuit current	: 1 kA with fuse RT36-00 (NT00 gG 10 A 120 kA at 500 Vac)
Control circuits	: as below
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

Product data – type NC8-25

Rated operational current Ie (A)	: 25 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4) 17,3 A at 660/690 Vac (AC-3), 14 A at 660/690 Vac (AC-4)
Conventional thermal current (Ith)	: 40 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 50 A, 50 kA at 690 Vac
Terminal	: rigid copper conductor with cable lug Largest: 10 mm ² /2, smallest: 2,5 mm ² /2

Product data – type NC8-32

Rated operational current Ie (A)	: 32 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4) 21,9 A at 660/690 Vac (AC-3), 17,3 A at 660/690 Vac (AC-4)
Conventional thermal current (Ith)	: 55 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 63 A, 50 kA at 690 Vac
Terminal	: rigid copper conductor with cable lug Largest: 16 mm ² /1, smallest: 2,5 mm ² /2

Product data – type NC8-38

Rated operational current I_e (A)	: 38 A at 220/230/240, 380/400/415 Vac (AC-3) 38 A at 220/230/240 Vac (AC-4), 32 A at 380/400/415 Vac (AC-4) 21,9 A at 660/690 Vac (AC-3), 17,3 A at 660/690 Vac (AC-4)
Conventional thermal current (I_{th})	: 55 A
Rated conditional short-circuit current ("r")	: 3 kA
Rated conditional short-circuit current ("I _q ")	: 50 kA
Type of co-ordination	: 1
SCPD	: fuse RT36-00(NT00), gG 63 A, 50 kA at 690 Vac
Terminal	: rigid copper conductor with cable lug Largest: 16 mm ² /1, smallest: 2,5 mm ² /2

TESTS**Test requirements**

EN 60947-4-1:2010
EN 60947-4-1:2010/A1:2012
EN 60947-5-1:2004
EN 60947-5-1:2004/A1:2009

Test result

The test results are laid down in DEKRA test file 331313500.

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; 22=2NO+2NC, 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

The referred test reports are 3313135.50, 3307299.50, W0809035.51 and 3303082.51.

The product also complies with IEC 60947-4-1:2003 and A1:2009; and IEC 60947-5-1:2003 and A1:2009.

This certificate replaces certificate No. 3307299.01 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road,
Chint Industrial Zone,
North Baixiang, Yueqing,
Zhejiang, China