

CERTIFICATE

Issued to:
Applicant:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road, Chint Industrial Zone, North
Baixiang, Yueqing,
325603 Zhejiang, China

Licensee:
Zhejiang Chint Electrics Co., Ltd.
No. 1, Chint Road, Chint Industrial Zone, North
Baixiang, Yueqing,
325603 Zhejiang, China

Product : Electromagnetic AC contactor
Trade name(s) : CHINT
Type(s)/model(s) : NC8-115, NC8-115/N, NC8-150, NC8-150/N and NC8-170, NC8-170/N

The product and any acceptable variation thereto as 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 EN IEC 60947-4-1:2019, IEC 60947-4-1:2018, EN 60947-5-1:2017 and IEC 60947-5-1:2016
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2032236

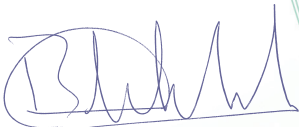
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 8 September 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-130332

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



MT Tonsi
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electromagnetic AC contactor
Trade name(s)	: CHINT
Type(s)/model(s)	: NC8-115, NC8-115/N, NC8-150, NC8-150/N and NC8-170, NC8-170/N
Method of operation	: Electromagnetic
Pollution degree	: 3
Number of poles	: 3
Rated frequency	: 50 / 60 Hz
Rated operational voltage (Ue)	: 380 / 400 Vac, 660 / 690 Vac
Rated insulation voltage (Ui)	: 690 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Auxiliary circuit	: NCF1-11C
Rated frequency	: 50 / 60 Hz for AC
Utilization category	: AC-15, DC-13
Conventional thermal current (Ith)	: 10 A
Rated operational current (Ie)	: AC-15: 2,7 A at 220Vac / 230 Vac 1,5 A at 380Vac / 400 Vac DC-13: 0,3 A at 220 Vdc
Rated conditional short-circuit current	: 1 kA with fuse RT36-00 (gG, 10 A)
Control circuits	: 110-127, 220-240, 380-415 Vac / Vdc 50 / 60 Hz for AC

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

Rated operational current Ie (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 (Ith)	: 200 A
Rated conditional short-circuit current ("r")	: 10 kA
Rated conditional short-circuit current ("Iq")	: 50 kA
Type of co-ordination	: 1
SCPD	: fuse NGTC1, aR 225 A, 50 kA at 690 Vac

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

Rated operational current Ie (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 (Ith)	: 200 A
Rated conditional short-circuit current ("r")	: 10 kA
Rated conditional short-circuit current ("Iq")	: 50 kA
Type of co-ordination	: 1
SCPD	: fuse NGTC1, aR 225 A, 50 kA at 690 Vac

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

Rated operational current I_e (A)	:	275 A at 380 / 400, 660 / 690 Vac (AC-1)
		170 A at 380 / 400 Vac (AC-3)
		118 A at 660 / 690 Vac (AC-3)
		150 A at 380 / 400 Vac (AC-4)
		107 A at 660 / 690 Vac (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 NGTC3, aR 315 A, 50 kA at 690 Vac

TESTS**Test requirements**

EN IEC 60947-4-1:2019
IEC 60947-4-1:2018
EN 60947-5-1:2017
IEC 60947-5-1:2016

Test result

The test results are laid down in DEKRA test file 332848300.

Additional information

The referred test reports are 3328482.50, 3318748.50, 3305337.50, CQC CB certificate no. CN26721 with CQC CB test report no. C009-CB2012CQC-047602, CQC CB certificate no. CN58175 with CQC CB test report no. 00901-CB2022CQC-103993 and CQC CB test report no. 00901-CB2015CQC-067993.

This certificate replaces certificate No. 33-116926 REV.1 which we hereby 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,
325603 Zhejiang, China