

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Electromagnetic contactor
Name and address of the applicant	Zhejiang CHINT Electrics Co., Ltd. No.1, Chint Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang Province China
Name and address of the manufacturer	Zhejiang CHINT Electrics Co., Ltd. No.1, Chint Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang Province China
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 Zhejiang CHINT Electrics Co., Ltd. No.1, Chint Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang Province China
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Main circuit: 50/60 Hz, $U_i=690$ V, $U_{imp}=6$ kV, $I_r=3$ kA, $I_q=50$ kA NC8-25: 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), $I_{th}=40$ A NC8-32: 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), $I_{th}=55$ A NC8-38: 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), $I_{th}=55$ A Auxiliary circuit: $I_{th}$ : 10 A, 50/60 Hz, AC-15: 0,95 A, 415 Vac; DC-13: 0,27 A, 250 Vdc Control circuits: 24, 110, 127, 220/230, 240, 380/400, 415 Vac, 50/60 Hz 24, 48, 110, 220 Vdc
Trademark (if any)	CHINT
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	NC8-25, NC8-32, NC8-38
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2 This certificate replaces the CB certificate no. NL-34554 issued on 2015-03-19.
A sample of the product was tested and found to be in conformity with	IEC 60947-4-1:2009, IEC 60947-4-1:2009/AMD1:2012, IEC 60947-5-1:2003, IEC 60947-5-1:2003/AMD1:2009
As shown in the Test Report Ref. No. which forms part of this Certificate	3313135.50, 3307299.50, W0809035.51 and 3303082.51

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.  
Meander 1051, NL-6825 MJ Arnhem, Netherlands

 **DEKRA**



**Rating:**

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 rating - 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 ("Ir")	: 3 kA
rated conditional short-circuit current ("Iq")	: 50 kA
type of co-ordination	: 1
SCPD	: Fuse RT36-00(NT00), gG 50 A, 50 kA at 690 Vac
Terminal	: Rigid or copper conductor with cable lug Largest: 10 mm <sup>2</sup> /2, smallest: 2,5 mm <sup>2</sup> /2

**Product rating - type NC8-32**

rated operational current $I_e$ (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 ( $I_{th}$ )	:	55 A
rated conditional short-circuit current ("r")	:	3 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-00(NT00), gG 63 A, 50 kA at 690 Vac
Terminal	:	Rigid or copper conductor with cable lug Largest: 16 mm <sup>2</sup> /1, smallest: 2,5 mm <sup>2</sup> /2

**Product rating - 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 <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-00(NT00), gG 63 A, 50 kA at 690 Vac
Terminal	:	Rigid or copper conductor with cable lug Largest: 16 mm <sup>2</sup> /1, smallest: 2,5 mm <sup>2</sup> /2

**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