



# CB TEST CERTIFICATE

Ref. Certificate No.

NL-34552

## IEC SYSTEM OF CONFORMITY ASSESSMENT SCHEMES FOR ELECTROTECHNICAL EQUIPMENT AND COMPONENTS (IECEE) CB SCHEME

Issued by:	DEKRA Certification B.V.		
Product:	Electromagnetic contactor		
Applicant:	Zhejiang CHINT Electrics Co., Ltd	No.1, Chint Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang Province	China
Manufacturer:	Zhejiang CHINT Electrics Co., Ltd	No.1, Chint Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang Province	China
Factory:	Zhejiang CHINT Electrics Co., Ltd	No.1, Chint Road, CHINT Industrial Zone, North Baixiang, Yueqing, Zhejiang Province	China
Rating and principal characteristics:	<p>Main circuit: 50/60 Hz, <math>U_i=690</math> V, <math>U_{imp}=6</math> kV  NC8-09: 9 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4),  6,7 A at 660/690 Vac (AC-3 and AC-4)  NC8-12: 12 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4),  9 A at 660/690 Vac (AC-3 and AC-4)  NC8-18: 18 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4),  10,6 A at 660/690 Vac (AC-3 and AC-4)  Aux. circuit:  lth 10 A, 50/60 Hz, AC-15: 0,95 A at 415 Vac,  DC-13: 0,27 A at 250 Vdc  Control circuit:  24, 110, 127, 220/230, 240, 380/400, 415 Vac, 50/60 Hz  24, 48, 110, 220 Vdc</p>		
Trade mark (if any):	CHINT		
Model/Type reference:	NC8-09, NC8-12, NC8-18		
Additional information:			
Sample of product tested to be in conformity with IEC:	60947-4-1(ed.3);am1 60947-5-1(ed.3);am1		
Test Report Ref. No:	3307298.50		

This CB Test Certificate is issued by the National Certification Body:

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

Signed by: F.S.Strikwerda

Date of issue: 2015-04-09



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

product	:	Electromagnetic contactor
trade name(s)	:	CHINT
type(s)	:	NC8-09, NC8-12, NC8-18
General	:	
method of operation	:	Electromagnetic
pollution degree	:	3
main circuit	:	
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	:	
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	:	
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

**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

**Product data - type NC8-09**

rated operational current $I_e$ (A)	:	9 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4) 6,7 A at 660/690 Vac (AC-3 and AC-4)
conventional thermal current (I <sub>th</sub> )	:	25 A
rated conditional short-circuit current ("r")	:	1 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-00(NT00), gG 32 A, 50 kA at 690 Vac
Terminal	:	Rigid or copper conductor with cable lug Largest: 6 mm <sup>2</sup> /1, smallest: 1 mm <sup>2</sup> /2

**Product data - type NC8-12**

rated operational current $I_e$ (A)	:	12 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4) 9 A at 660/690 Vdc (AC-3 and AC-4)
conventional thermal current (I <sub>th</sub> )	:	25 A
rated conditional short-circuit current ("r")	:	1 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-00(NT00), gG 32 A, 50 kA at 690 Vac
Terminal	:	Rigid or copper conductor with cable lug Largest: 6 mm <sup>2</sup> /1, smallest: 1 mm <sup>2</sup> /2

**Product data - type NC8-18**

rated operational current $I_e$ (A)	:	18 A at 220/230/240, 380/400/415 Vac (AC-3 and AC-4) 10,6 A at 660/690 Vdc (AC-3 and AC-4)
conventional thermal current (I <sub>th</sub> )	:	32 A
rated conditional short-circuit current ("r")	:	1 kA
rated conditional short-circuit current ("I <sub>q</sub> ")	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse RT36-00(NT00), gG 32 A, 50 kA at 690 Vac
Terminal	:	Rigid or copper conductor with cable lug Largest: 6 mm <sup>2</sup> /1, smallest: 1 mm <sup>2</sup> /2