



## CB TEST CERTIFICATE

Ref. Certificate No.

NL-21569

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

Issued by:	DEKRA Certification B.V.		
Product:	Automatic transfer switching equipment ATSE		
Applicant:	Zhejiang Chint Electrics Co., Ltd.	No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang	China
Manufacturer:	Zhejiang Chint Electrics Co., Ltd.	No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang	China
Factory:	Zhejiang Chint Electrics Co., Ltd.	No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang	China
Rating and principal characteristics:	Ue 400 Vac; Ie 10 A ~ 630 A; 50 Hz; AC-33B; class CB; See annex for further ratings.		
Trade mark (if any):	CHINT		
Model/Type reference:	NZ7-...		
Additional information:	This certificate replaces CB certificate No. NL-18607 issued on 2010-07-08 as the type reference of the component (MCCB) used changed.		
Sample of product tested to be in conformity with IEC:	60947-6-1(ed.2)		
Test Report Ref. No:	3302434.50, 2133209.50		

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

DEKRA Certification B.V.  
Utrechtseweg 310  
P.O. Box 5185  
6802 ED Arnhem  
The Netherlands

Signed by: H.R.M. Barends

Date of issue: 2011-09-01



DEKRA Certification is  
former KEMA Quality

**Product data**

product	:	automatic transfer switching equipment
trade name(s)	:	CHINT
type(s)	:	NZ7-63H..., NZ7-63S..., NZ7-125H..., NZ7-125R..., NZ7-125S..., NZ7-250H..., NZ7-250R..., NZ7-250S..., NZ7-400H..., NZ7-400R..., NZ7-400S..., NZ7-630H..., NZ7-630R..., NZ7-630S...
type of equipment	:	ATSE
class of equipment	:	CB
number of poles	:	3 pole; 3 pole + N
rated operational voltage(Ue)	:	400 Vac
rated insulation voltage (Ui)	:	500 V (NZ7-63); 800 V (NZ7-125, 250, 400, 630)
rated impulse withstand voltage (Uimp)	:	6 kV (NZ7-63) ; 8 kV (NZ7-125, 250, 400, 630)
rated operational current (Ie)	:	10 A to 630 A
rated frequency	:	50 Hz
utilization category	:	AC-33B
rated short-circuit making capacity (Icm)	:	see product data per type
rated short-circuit breaking capacity (Icn)	:	see product data per type
control circuits	:	
rated frequency	:	50 Hz
rated control circuit voltage (Uc)	:	230 Vac
rated control supply voltage (Us)	:	230 Vac
time delay	:	0 s - 180 s adjustable
monitored supply deviation	:	160 Vac ~ 200 Vac; 240 Vac ~ 290 Vac
voltage deviation	:	-5 Vac ~ +15 Vac (tolerance)
frequency deviation	:	not applicable
contact transfer time	:	see product data per type
operating transfer time	:	see product data per type
total operating time	:	see product data per type
return transfer time	:	see product data per type
off time	:	see product data per type

**Product data - type NZ7-63S...**

rated current	: 10, 16, 20, 25, 32, 40, 50, 63 A
rated short-circuit making capacity (Icm)	: 31,5 kA
rated short-circuit breaking capacity (Icn)	: 15 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,2 s
total operating time	: ≤ 3,2 s
return transfer time	: ≤ 3,2 s
off time	: ≤ 1,8 s

**Product data - type NZ7-63H...**

rated current	: 10, 16, 20, 25, 32, 40, 50, 63 A
rated short-circuit making capacity (Icm)	: 73,5 kA
rated short-circuit breaking capacity (Icn)	: 35 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,2 s
total operating time	: ≤ 3,2 s
return transfer time	: ≤ 3,2 s
off time	: ≤ 1,8 s

**Product data - type NZ7-125S...**

rated current	: 16, 20, 25, 32, 40, 50, 63, 80, 100 A
rated short-circuit making capacity (Icm)	: 52,5 kA
rated short-circuit breaking capacity (Icn)	: 25 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,5 s
total operating time	: ≤ 3,5 s
return transfer time	: ≤ 3,5 s
off time	: ≤ 1,8 s

**Product data - type NZ7-125H...**

rated current	: 16, 20, 25, 32, 40, 50, 63, 80, 100 A
rated short-circuit making capacity (Icm)	: 105 kA
rated short-circuit breaking capacity (Icn)	: 50 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,5 s
total operating time	: ≤ 3,5 s
return transfer time	: ≤ 3,5 s
off time	: ≤ 1,8 s



**Product data - type NZ7-125R...**

rated current	: 16, 20, 25, 32, 40, 50, 63, 80, 100 A
rated short-circuit making capacity (Icm)	: 143 kA
rated short-circuit breaking capacity (Icn)	: 65 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,5 s
total operating time	: ≤ 3,5 s
return transfer time	: ≤ 3,5 s
off time	: ≤ 1,8 s

**Product data - type NZ7-250S...**

rated current	: 100, 125, 160, 180, 200, 225 A
rated short-circuit making capacity (Icm)	: 52.5 kA
rated short-circuit breaking capacity (Icn)	: 25 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,6 s
total operating time	: ≤ 3,6 s
return transfer time	: ≤ 3,6 s
off time	: ≤ 1,8 s

**Product data - type NZ7-250H...**

rated current	: 100, 125, 160, 180, 200, 225 A
rated short-circuit making capacity (Icm)	: 105 kA
rated short-circuit breaking capacity (Icn)	: 50 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,6 s
total operating time	: ≤ 3,6 s
return transfer time	: ≤ 3,6 s
off time	: ≤ 1,8 s

**Product data - type NZ7-250R...**

rated current	: 100, 125, 160, 180, 200, 225 A
rated short-circuit making capacity (Icm)	: 143 kA
rated short-circuit breaking capacity (Icn)	: 65 kA
contact transfer time	: ≤ 2 s
operating transfer time	: ≤ 3,6 s
total operating time	: ≤ 3,6 s
return transfer time	: ≤ 3,6 s
off time	: ≤ 1,8 s

**Product data - type NZ7-400S...**

rated current	: 225, 250, 315, 350, 400 A
rated short-circuit making capacity (Icm)	: 73.5 kA
rated short-circuit breaking capacity (Icn)	: 35 kA
contact transfer time	: ≤ 2,5 s
operating transfer time	: ≤ 4 s
total operating time	: ≤ 4 s
return transfer time	: ≤ 4 s
off time	: ≤ 2,5 s

**Product data - type NZ7-400H...**

rated current	: 225, 250, 315, 350, 400 A
rated short-circuit making capacity (Icm)	: 110 kA
rated short-circuit breaking capacity (Icn)	: 50 kA
contact transfer time	: ≤ 2,5 s
operating transfer time	: ≤ 4 s
total operating time	: ≤ 4 s
return transfer time	: ≤ 4 s
off time	: ≤ 2,5 s

**Product data - type NZ7-400R...**

rated current	: 225, 250, 315, 350, 400 A
rated short-circuit making capacity (Icm)	: 154 kA
rated short-circuit breaking capacity (Icn)	: 70 kA
contact transfer time	: ≤ 2,5 s
operating transfer time	: ≤ 4 s
total operating time	: ≤ 4 s
return transfer time	: ≤ 4 s
off time	: ≤ 2,5 s

**Product data - type NZ7-630S...**

rated current	: 400, 500, 630 A
rated short-circuit making capacity (Icm)	: 73.5 kA
rated short-circuit breaking capacity (Icn)	: 35 kA
contact transfer time	: ≤ 3 s
operating transfer time	: ≤ 5 s
total operating time	: ≤ 5 s
return transfer time	: ≤ 5 s
off time	: ≤ 3 s

**Product data - type NZ7-630H...**

rated current	:	400, 500, 630 A
rated short-circuit making capacity (I <sub>cm</sub> )	:	110 kA
rated short-circuit breaking capacity (I <sub>cn</sub> )	:	50 kA
contact transfer time	:	≤ 3 s
operating transfer time	:	≤ 5 s
total operating time	:	≤ 5 s
return transfer time	:	≤ 5 s
off time	:	≤ 3 s

**Product data - type NZ7-630R...**

rated current	:	400, 500, 630 A
rated short-circuit making capacity (I <sub>cm</sub> )	:	154 kA
rated short-circuit breaking capacity (I <sub>cn</sub> )	:	70 kA
contact transfer time	:	≤ 3 s
operating transfer time	:	≤ 5 s
total operating time	:	≤ 5 s
return transfer time	:	≤ 5 s
off time	:	≤ 3 s