

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

## CB TEST CERTIFICATE

Product	Automatic transfer switching equipment
Name and address of the applicant	Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint industrial Zone, North Baixiang, Yueqing, Zhejiang China
Name and address of the manufacturer	Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint industrial Zone, North Baixiang, Yueqing, Zhejiang China
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 Zhejiang Chint Electrics Co., Ltd. No. 1318, Binhai No. 2 Avenue, Economic and Technical Development Zone, Wenzhou, Zhejiang China
Ratings and principal characteristics	3P and 3P+N Ue: 400 / 415 Vac, Ie: 125, 160 A, 50 / 60 Hz Class CB, AC-33B, Ui: 800 Vac, Uimp: 8 kV Icm: 73,5 kA (NXZM-160S), 105 kA (NXZM-160H) Icn: 35 kA (NXZM-160S), 50 kA (NXZM-160H) See annex for further ratings
Trademark (if any)	CHINT
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	NXZM-160S, NXZM-160H
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-6-1:2005, IEC 60947-6-1:2005/AMD1:2013
As shown in the Test Report Ref. No. which forms part of this Certificate	3312031.50

This CB Test Certificate is issued by the National Certification Body

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

**Rating:**

Class of equipment	: CB
Utilization category	: AC-33B
Number of poles	: 3P, 3P+N
Rated voltage (Ue)	: 400 / 415 Vac
Rated insulation voltage (Ui)	: 800 Vac
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated operational current (Ie)	: 125, 160 A
Rated frequency	: 50 / 60 Hz
Safety distance	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm
EMC environment	: A and B
Control circuits	: As below
Rated frequency	: 50 / 60 Hz
Rated control circuit voltage (Uc)	: 230 / 240 Vac
Rated control supply voltage (Us)	: 230 / 240 Vac
Transfer control devices	: Controller A and Controller B
Monitored supply deviation	: Under-voltage: 160 Vac - 200 Vac (adjustable) Over-voltage: 240 Vac - 290 Vac (adjustable)
Voltage deviation	: $\pm 10$ Vac
Opening time delay	: 0 s - 180 s (adjustable)
Closing time delay	: 0 s (fixed)
Contact transfer time	: $2 \times (1 \pm 10\%)$ s
Off time	: $(2 + \text{closing time delay}) \times (1 \pm 10\%)$ s
Operating transfer time	: $3,3 \times (1 \pm 10\%)$ s
Total operating time	: $(3,3 + \text{time delay}) \times (1 \pm 10\%)$ s
Return transfer time	: $(3,7 + \text{time delay}) \times (1 \pm 10\%)$ s

**Rating - type NXZM-160S**

Rated short-circuit making capacity (Icm)	: 73,5 kA
Rated short-circuit breaking capacity (Icn)	: 35 kA

**Rating - type NXZM-160H**

Rated short-circuit making capacity (Icm)	: 105 kA
Rated short-circuit breaking capacity (Icn)	: 50 kA

**Additional information**

Nomenclature breakdown:

NXZM - 160 S / 4 B  
a b c d e

a - code denoting the series name: NXZM

b - code denoting the rated current of frame: 160 A

c - code denoting the short-circuit breaking capacity: S (35 kA), H (50 kA)

d - code denoting the number of pole: 3P, 4P (3P+N)

e - code denoting the controller: controller A, controller B

**Rating:**

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Utilization category	: AC-33B
Number of poles	: 3P, 3P+N
Rated voltage (Ue)	: 400 / 415 Vac
Rated insulation voltage (Ui)	: 800 Vac
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EMC environment	: A and B
Control circuits	: As below
Rated frequency	: 50 / 60 Hz
Rated control circuit voltage (Uc)	: 230 / 240 Vac
Rated control supply voltage (Us)	: 230 / 240 Vac
Transfer control devices	: Controller A and Controller B
Monitored supply deviation	: Under-voltage: 160 Vac - 200 Vac (adjustable) Over-voltage: 240 Vac - 290 Vac (adjustable)
Voltage deviation	: $\pm 10$ Vac
Opening time delay	: 0 s - 180 s (adjustable)
Closing time delay	: 0 s (fixed)
Contact transfer time	: $2 \times (1 \pm 10\%)$ s
Off time	: $(2 + \text{closing time delay}) \times (1 \pm 10\%)$ s
Operating transfer time	: $3,3 \times (1 \pm 10\%)$ s
Total operating time	: $(3,3 + \text{time delay}) \times (1 \pm 10\%)$ s
Return transfer time	: $(3,7 + \text{time delay}) \times (1 \pm 10\%)$ s

**Rating - type NXZM-160S**

Rated short-circuit making capacity (Icm)	: 73,5 kA
Rated short-circuit breaking capacity (Icn)	: 35 kA

**Rating - type NXZM-160H**

Rated short-circuit making capacity (Icm)	: 105 kA
Rated short-circuit breaking capacity (Icn)	: 50 kA

**Additional information**

Nomenclature breakdown:

NXZM - 160 S / 4 B  
a b c d e

a - code denoting the series name: NXZM

b - code denoting the rated current of frame: 160 A

c - code denoting the short-circuit breaking capacity: S (35 kA), H (50 kA)

d - code denoting the number of pole: 3P, 4P (3P+N)

e - code denoting the controller: controller A, controller B