ATTESTATION OF CONFORMITY

Issued to:	Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang, China
For the product:	Automatic transfer switching equipment (ATSE)
Trade name:	CHINT
Type/Model:	NXZM-160S, NXZM-160H
Ratings:	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
Manufactured by:	Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang, China
Subject:	Type Test
Requirements:	EN 60947-6-1:2005, EN 60947-6-1:2005/A1:2014, IEC 60947-6-1:2005, A1:2013

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in test report no. 3312031.50 issued on 2018-04-28.

This Attestation implies that the examined types are in accordance with the standards designated under the Low voltage directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Wenzhou, Zhejiang, 18 May 2018 Number: 3312031.01A

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo
Certification Manager

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DEKRA Testing Services (Zhejiang) Co., Ltd.
No. 5, Changjiang Road Great Bridge Industrial Park North Baixiang, Wenzhou, Zhejiang, 325603, P. R. China
T +86577628680 00 F +86577629198 89 www.dekra-certification.com

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	:	± 10 Vac
Opening time delay	:	0 s - 180 s (adjustable)
Closing time delay	:	0 s (fixed)
Contact transfer time	:	2 × (1 ± 10%) s
Off time	:	(2 + closing time delay) × (1 ± 10%) s
Operating transfer time	:	3,3 × (1 ± 10%) s
Total operating time	:	(3,3 + time delay) × (1 ± 10%) s
Return transfer time	:	(3,7 + time delay) × (1 ± 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