CERTIFICATE

Issued to: Applicant: Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang, China

Licensee: Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang, China

Product:Automatic transfer switching equipment (ATSE)Trade name(s):CHINTType(s)/model(s):NXZHM-160

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-6-1:2005 and EN 60947-6-1:2005/A1/2014
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2032236

DEKRA hereby grants the right to use the KEMA-KEUR certification mark,

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 31 May 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-103063

DEKRA Certification B.V.

drs. G.J. Zoetbrood Managing Director

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

Henk Barends Certification Manager





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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data	
Product	: Automatic transfer switching equipment (ATSE)
Trade name(s)	: CHINT
Type(s)/model(s)	: NXZHM-160
Class of equipment	: PC
Utilization category	: AC-33B
	: 3P, 3P+N
Rated voltage (Ue)	: 400 / 415 Vac
Rated insulation voltage (Ui)	: 800 V
Rated impulse withstand voltage	: 8 kV
(Uimp)	
Rated operational current (le)	: 125, 160 A
Rated frequency	: 50 / 60 Hz
Rated conditional short-circuit	: 100 kA
current (Iq)	
SCPD	: Fuse: RS711C, CHINT, 1000 Vac, 160 A, 100 kA
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

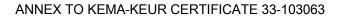
TESTS

Test requirements

EN 60947-6-1:2005 EN 60947-6-1:2005/A1:2014

Test result

The test results are laid down in DEKRA test file 331203600.





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Additional information

Nomenclature breakdown:

NXZHM - 160 / 4 B

- a bcd
- a code denoting the series name: NXZHM
- b code denoting the rated current of frame: 160 A
- c code denoting the number of pole: 3P, 4P (3P+N)
- d code denoting the controller: controller A, controller B

The referred test report is 3312036.50.

The product also complies with IEC 60947-6-1:2005 and A1:2013.

Conclusion

The examination proved that all requirements were met.

Factory location

Zhejiang Chint Electrics Co., Ltd. No. 1318, Binhai No. 2 Avenue, Economic and Technical Development Zone, Wenzhou, Zhejiang, China