CERTIFICATE

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

DEKRA

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

Product:Automatic transfer switching equipmentTrade name(s):CHINTType(s)/model(s):NXZ-250

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, EN 60947-6-1:2005/A1:2014, IEC 60947-6-1:2005 and A1:2013
- 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 3 July 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-100424

DEKRA Certification B.V.

drs. G.J. Zoetbrood Managing Director

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

Yuki Yau

Certification Manager





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SPECIFICATION OF THE CERTIFIED PRODUCT

Product: Automatic transfer switching equipmentTrade name(s): CHINT
Type(s)/model(s) : NXZ-250
Class of equipment : PC
Utilization category : AC-33B
Number of poles : 3P, 3P+N
Rated voltage (Ue) : 400 / 415 Vac
Rated operational current (le) : 160, 200, 250 A
Rated frequency : 50 / 60 Hz
Rated short-circuit making capacity : 30 kA
(Icm)
Rated short-time withstand current : 10 kA / 0.2 s
(Icw)
Rated conditional short-circuit : 100 kA
current (Iq)
SCPD : RS712C, CHINT, 690 V, 250 A, 100 kA
EMC environment : A and B
Control circuits : As below
Rated frequency : 50 / 60 Hz
Rated control circuit voltage (Uc) : 230 / 240 V
Rated control supply voltage (Us) : 230 / 240 V
Transfer control devices : Controller A and Controller B
Monitored supply deviation : Under-voltage: 160 V - 200 V (adjustable)
Over-voltage: 240 V - 290 V (adjustable)
Voltage deviation : ± 10 V
Opening time delay : 0 s - 300 s (adjustable)
Closing time delay : 0 s (fixed)
Contact transfer time : $1 \times (1 \pm 10\%)$ s
Off time : $(1 + \text{closing time delay}) \times (1 \pm 10\%)$ s
Operating transfer time : $2.1 \times (1 \pm 10\%)$ s
Total operating time : $(2.1 + time delay) \times (1 \pm 10\%)$ s
Return transfer time : $(2.1 + time delay) \times (1 \pm 10\%)$ s

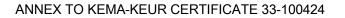
TESTS

Test requirements

EN 60947-6-1:2005 EN 60947-6-1:2005/A1:2014 IEC 60947-6-1:2005 A1:2013

Test result

The test results are laid down in DEKRA test file 331113100.





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Additional Information

Nomenclature breakdown:

NXZ - 250 / 4 B

- a b c d
- a code denoting the series name: NXZ
- b code denoting the rated current of frame: 250 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 3311131.50.

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