

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
Trade name(s) : CHINT
Type(s)/model(s) : NXZB-63H and NXZB-63S

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 19 December 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-100896

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kate Xu
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Automatic transfer switching equipment
Trade name(s)	: CHINT
Type(s)/model(s)	: NXZB-63H and NXZB-63S
Class of equipment	: CB
Utilization category	: AC-33B
Number of poles	: 3P, 3P+N
Rated voltage (Ue)	: 400 Vac
Rated insulation voltage (Ui)	: 500 Vac
Rated impulse withstand voltage (Uimp)	: 4 kV
Rated operational current (Ie)	: 10, 16, 20, 25, 32, 40, 50, 63 A
Rated frequency	: 50 / 60 Hz
Safety distance	: Front / Back: 0 mm, Left / Right: 35 mm, Up / Down: 35 mm
EMC environment	: A
Control circuits	: As below
Rated frequency	: 50 / 60 Hz
Rated control circuit voltage (Uc)	: 230 V
Rated control supply voltage (Us)	: 230 V
Transfer control devices	: Controller A and Controller C
Monitored supply deviation	: Under-voltage: 75% Ue
Voltage deviation	: $\pm 5\%$ Ue
Opening time delay	: 0 s - 30 s (adjustable)
Closing time delay	: 0 s (fixed)
Contact transfer time	: $0.5 \times (1 \pm 50\%)$ s
Off time	: $(0.5 \times (1 \pm 50\%) + \text{closing time delay})$ s
Operating transfer time	: $1.4 \times (1 \pm 10\%)$ s
Total operating time	: $(1.4 + \text{time delay}) \times (1 \pm 10\%)$ s
Return transfer time	: $(1.4 + \text{time delay}) \times (1 \pm 10\%)$ s

Product data – type NXZB-63H

Rated short-circuit making capacity (Icm)	: 17 kA
Rated short-circuit breaking capacity (Icn)	: 10 kA

Product data – type NXZB-63S

Rated short-circuit making capacity (Icm)	: 9.18 kA
Rated short-circuit breaking capacity (Icn)	: 6 kA

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 331124700.

Additional information

Nomenclature breakdown:

NXZB - 63 S / 4 C

a b c d e

a - code denoting the series name: NXZB

b - code denoting the rated current of frame: 63 A

c - code denoting the short-circuit breaking capacity: S (6 kA), H (10 kA)

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

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

The referred test report is 3311247.50.

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