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)	:	CHINT
Type(s)/model(s)	:	NXZM-160H and NXZM-160S

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 15 May 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-103057

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

Kreny Lin
Certification Manager

© Integral publication of this certificate is allowed

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COUNCIL

PRODUCTS
RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Automatic transfer switching equipment (ATSE)
Trade name(s)	:	CHINT
Type(s)/model(s)	:	NXZM-160H and NXZM-160S
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

Product data – type NXZM-160H

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

Product data – type NXZM-160S

Rated short-circuit making capacity (Icm)	:	73,5 kA
Rated short-circuit breaking capacity (Icn)	:	35 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 331203100.

Additional information

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

The referred test report is 3312031.50.

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