

# 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-250H, NXZM-250S, NXZM-320H and NXZM-320S

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 18 June 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-104141

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Henk Schendstok  
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)                       | : NXZM-250H, NXZM-250S, NXZM-320H and NXZM-320S   |
| 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 V   |
| Rated impulse withstand voltage (Uimp) | : 8 kV  |
| Rated frequency                        | : 50 / 60 Hz  |
| Safety distance                        | : Front / Back: 0 mm,<br>Left / Right: 50 mm,<br>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)<br>Over-voltage: 240 Vac - 290 Vac (adjustable) |
| Voltage deviation                      | : $\pm 10$ Vac  |
| Opening time delay                     | : 0 s - 180 s (adjustable)  |
| Closing time delay                     | : 0 s (fixed)   |
| Contact transfer time                  | : $2 \times (1 \pm 10\%)$ s   |
| Off time                               | : $(2 + \text{closing time delay}) \times (1 \pm 10\%)$ s                                       |
| Operating transfer time                | : $3,3 \times (1 \pm 10\%)$ s   |
| Total operating time                   | : $(3,3 + \text{time delay}) \times (1 \pm 10\%)$ s   |
| Return transfer time                   | : $(3,4 + \text{time delay}) \times (1 \pm 10\%)$ s   |

**Product data – type NXZM-250H**

|   |                             |
|---|-----------------------------|
| Rated operational current (Ie)              | : 160, 180, 200, 225, 250 A |
| Rated short-circuit making capacity (Icm)   | : 105 kA                    |
| Rated short-circuit breaking capacity (Icn) | : 50 kA                     |

**Product data – type NXZM-250S**

|   |                             |
|---|-----------------------------|
| Rated operational current (Ie)              | : 160, 180, 200, 225, 250 A |
| Rated short-circuit making capacity (Icm)   | : 73,5 kA                   |
| Rated short-circuit breaking capacity (Icn) | : 35 kA                     |

**Product data – type NXZM-320H**

|   |              |
|---|--------------|
| Rated operational current (Ie)              | : 250, 320 A |
| Rated short-circuit making capacity (Icm)   | : 105 kA     |
| Rated short-circuit breaking capacity (Icn) | : 50 kA      |



**Product data – type NXZM-320S**

Rated operational current (Ie) : 250, 320 A  
Rated short-circuit making capacity : 73,5 kA  
(Icm)  
Rated short-circuit breaking capacity : 35 kA  
(Icn)

**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 331203200.

**Additional information**

NXZM - 320 S / 4 B  
a b c d e

a - code denoting the series name: NXZM  
b - code denoting the rated current of frame: 250 A, 320 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 3312032.50.

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