

# 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) : NXZHM-250 and NXZHM-320

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.

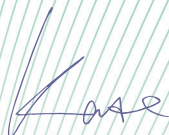
This certificate is issued on 18 June 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-104144

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 (ATSE)   |
| Trade name(s)                                | : CHINT   |
| Type(s)/model(s)                             | : NXZHM-250 and NXZHM-320   |
| Class of equipment                           | : PC  |
| Utilization category                         | : AC-33B  |
| Number of poles                              | : 3P, 3P+N  |
| Rated voltage (Ue)                           | : 400 / 415 Vac   |
| 400 / 415 Vac                                | : 800 V   |
| Rated impulse withstand voltage (Uimp)       | : 8 kV  |
| Rated frequency                              | : 50 / 60 Hz  |
| Rated conditional short-circuit current (Iq) | : 100 kA  |
| SCPD   | : Fuse: RS712C, CHINT, 1000 Vac, 355 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)<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 NXZHM-250**

|                                |                             |
|--------------------------------|-----------------------------|
| Rated operational current (Ie) | : 160, 180, 200, 225, 250 A |
|--------------------------------|-----------------------------|

**Product data – type NXZHM-320**

|                                |              |
|--------------------------------|--------------|
| Rated operational current (Ie) | : 250, 320 A |
|--------------------------------|--------------|

**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 331203700.



**Additional information**

Nomenclature breakdown:

NXZHM - 320 / 4 B

a        b    c d

a - code denoting the series name: NXZHM

b - code denoting the rated current of frame: 250 A, 320 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 3312037.50.

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