

# CERTIFICATE

KEMA No.: 98.0443.02

Issued to:  
Applicant:  
**Zhengtai Group Corporation Ltd.**  
**Liushi Industrial Zone**  
**WENZHOU, China (People's Rep.)**

Manufacturer/Licensee:  
**Zhengtai Group Corporation Ltd.**  
**Liushi Industrial Zone**  
**WENZHOU, China (People's Rep.)**

Product : residual current operated circuit-breakers (rccb)

Trade name : CHINT  
Type/model : NL1-63

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61008-1;1994
- an inspection of the production location according to CCA Group Operational Document CCA 204
- a certification agreement with the number 970164

KEMA hereby grants the right to use the KEMA 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: October 5, 1998

C.M. Boschloo  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

|  |   |  |
|--|---|--|
| product  | : | residual current operated circuit-breakers (rccb)            |
| trade name   | : | CHINT  |
| type   | : | NL1-63   |
| rated current (In)                                     | : | 25 A, 40 A, 63 A   |
| rated residual current                                 | : | 30 mA  |
| rated voltage (Un)/number of poles                     | : | 230 V - 2-poles<br>400 V - 4-poles                           |
| nature of supply                                       | : | AC   |
| rated frequency  | : | 50/60 Hz   |
| rated conditional short-circuit current (Icn)          | : | 3000 A   |
| rated conditional residual short-circuit current (Idc) | : | 3000 A   |
| rated making and breaking capacity (Im)                | : | 500 A (for In = 25 and 40 A)<br>630 A (for In = 63 A)        |
| rated residual making and breaking capacity (Idm)      | : | 500 A (for In = 25 and 40 A)<br>630 A (for In = 63 A)        |
| behaviour to d.c. components                           | : | type AC  |
| safety distance  | : | 35 mm  |
| method of mounting                                     | : | flush-type, for mounting on top-hat rail<br>35 mm (EN 50055) |

**N.V. KEMA**

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**Additional information**

Ordering key : 61A1B

61x1x: basic code

|                     |   |            |            |
|---------------------|---|------------|------------|
| A : number of poles | = | 2 (2 pole) | 4 (4 pole) |
| B : rated current   | = | 1          | In = 25 A  |
|                     |   | 2          | In = 40 A  |
|                     |   | 3          | In = 63 A  |

**Product data – type NL1-63**

|                               |   |                                    |
|-------------------------------|---|------------------------------------|
| rated current                 | : | 25 A, 40 A and 63 A                |
| rated voltage/number of poles | : | 230 Vac 2-poles<br>400 Vac 4-poles |

**TESTS****Test requirements**

EN 61008-1;1994

**Test results**

The test results are laid down in CRQ and TRF No. 572721/01.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : P. Vanerkhove Checked by : T.J. Dukers **FACTORY-LOCATION(S)**

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