

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME****CB TEST CERTIFICATE**

|   |  |
|---|--|
| Product   | Circuit-breakers incorporating residual current protection   |
| Name and address of the applicant   | Zhejiang Chint Electrics Co., Ltd.<br>No. 1, Chint Road, Chint industrial Zone, North Baixiang, Yueqing, Zhejiang<br>China   |
| Name and address of the manufacturer                                      | Zhejiang Chint Electrics Co., Ltd.<br>No. 1, Chint Road, Chint industrial Zone, North Baixiang, Yueqing, Zhejiang<br>China   |
| Name and address of the factory   | <input type="checkbox"/> <a href="#">Additional information on page 2</a><br>Zhejiang Chint Electrics Co., Ltd.<br>No. 1318, Binhai No. 2 Avenue,<br>Economic and Technical Development Zone, Wenzhou, Zhejiang<br>China   |
| Ratings and principal characteristics                                     | Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz<br>Ui: 800 V, Uimp: 8 kV,<br>In:<br>NXMLE-400S: 250 A, 280 A, 300 A, 315 A, 320 A, 350 A, 380 A, 400 A<br>NXMLE-630S: 400 A, 450 A, 500 A, 550 A, 600 A, 630 A<br>3P and 4P (solid N pole and unprotected N pole)<br>Icu:<br>75 kA at 220 Vac / 230 Vac / 240 Vac,<br>50 kA at 380 Vac / 400 Vac / 415 Vac<br>Ics:<br>50 kA at 220 Vac / 230 Vac / 240 Vac,<br>25 kA at 380 Vac / 400 Vac / 415 Vac<br>See annex for further ratings |
| Trademark (if any)  | CHINT  |
| Customer's Testing Facility (CTF) Stage used                              |  |
| Model / Type Ref.   | NXMLE-630S, NXMLE-400S   |
| Additional information (if necessary may also be reported on page 2)      | <input type="checkbox"/> <a href="#">Additional information on page 2</a>  |
| A sample of the product was tested and found to be in conformity with     | IEC 60947-2:2016   |
| As shown in the Test Report Ref. No. which forms part of this Certificate | 3312015.50   |

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.  
Meander 1051, NL-6825 MJ Arnhem, Netherlands



**Ratings:**

|  |   |   |
|--|---|---|
| product  | : | Circuit-breakers incorporating residual current protection  |
| trade name(s)  | : | CHINT   |
| type(s)  | : | NXMLE-630S, NXMLE-400S  |
| number of poles  | : | 3P and 4P (solid N pole and unprotected N pole)   |
| protected pole   | : | 3   |
| rated operational voltage (U <sub>e</sub> )                            | : | 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac   |
| rated insulation voltage (U <sub>i</sub> )                             | : | 800 V   |
| rated impulse withstand voltage (U <sub>imp</sub> )                    | : | 8 kV  |
| conventional thermal current (I <sub>th</sub> )                        | : | Equal to I <sub>n</sub>   |
| current rating for four-pole circuit-breakers                          | : | Equal to I <sub>n</sub>   |
| rated residual operating current (I <sub>Δn</sub> )                    | : | Fixed: 30 mA, 50 mA, 100 mA, 200 mA, 300 mA, 400 mA, 500 mA, 600 mA, 800 mA or 1000 mA<br>Adjustable with fixed steps: 30/50/100 mA, 50/100/200 mA, 100/200/300 mA, 100/300/500 mA, 200/300/500 mA or 300/500/1000 mA |
| time setting of rated residual operating current                       | : | Non-time-delay or non-adjustable time-delay: 0,1 s, 0,2 s, 0,3 s, 0,4 s, 0,5 s, 0,6 s, 0,7 s or 0,8 s   |
| the limiting non-actuating time at 2I <sub>Δn</sub> (Δt)               | : | 0,1 s, 0,2 s, 0,3 s, 0,4 s, 0,5 s, 0,6 s, 0,7 s or 0,8 s  |
| residual short-circuit making and breaking capacity (I <sub>Δm</sub> ) | : | 18,75 kA at 220 Vac / 230 Vac / 240 Vac<br>12,5 kA at 380 Vac / 400 Vac / 415 Vac   |
| rated frequency  | : | 50 / 60 Hz  |
| reference temperature  | : | 40 °C   |
| rated service short-circuit breaking capacity (I <sub>cs</sub> )       | : | 50 kA at 220 Vac / 230 Vac / 240 Vac<br>25 kA at 380 Vac / 400 Vac / 415 Vac  |
| rated ultimate short-circuit breaking capacity (I <sub>cu</sub> )      | : | 75 kA at 220 Vac / 230 Vac / 240 Vac<br>50 kA at 380 Vac / 400 Vac / 415 Vac  |
| suitable for isolation   | : | Suitable  |
| selectivity category   | : | A   |
| safety distance (screen-circuit breaker)                               | : | Front / Back: 0 mm,<br>Left / Right: 100 mm,<br>Up / Down: 100 mm   |
| instantaneous release  | : | Magnetic type, fixed, I <sub>i</sub> : 10 I <sub>n</sub>  |
| time setting of the instantaneous release                              | : | Fixed   |
| inverse time delay release   | : | Thermal type, fixed   |
| time setting of the inverse time delay release                         | : | Fixed, trip time at 2 I <sub>n</sub> : 3 min ≤ t ≤ 16 min   |
| method of mounting   | : | Fixed   |
| EMC environment  | : | A   |
| rated tightening torque for terminals                                  | : | 22 Nm   |
| line/load terminal connection  | : | Marked<br>Copper conductor with cable lug   |

**Product rating - NXMLE-630S**

|                                 |   |  |
|---------------------------------|---|--|
| rated current (I <sub>n</sub> ) | : | 400 A, 450 A, 500 A, 550 A, 600 A, 630 A |
|---------------------------------|---|--|

**Product rating - NXMLE-400S**

|                                 |   |  |
|---------------------------------|---|--|
| rated current (I <sub>n</sub> ) | : | 250 A, 280 A, 300 A, 315 A, 320 A, 350 A, 380 A, 400 A |
|---------------------------------|---|--|

**Additional information**

Nomenclature breakdown:

NXMLE-630 S / 4 300 B

a      b c d    e

a = Model name: 'NXMLE'

b = Frame size: 630 or 400

c = Short-circuit capacity: 'S'

d = Pole numbers, '4' means 4P CBRs, '3' means 3P CBRs

e = For Neutral pole, 'A' means solid N pole, 'B' means unprotected N pole