

**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. No. 1, Chint Road, Chint industrial Zone, North Baixiang, Yueqing, Zhejiang China |
| Name and address of the manufacturer | Zhejiang Chint Electrics Co., Ltd. No. 1, Chint Road, Chint industrial Zone, North Baixiang, Yueqing, Zhejiang China |
| Name and address of the factory | <input type="checkbox"/> Additional information on page 2 Zhejiang Chint Electrics Co., Ltd. No. 1318, Binhai No. 2 Avenue, Economic and Technical Development Zone, Wenzhou, Zhejiang China |
| Ratings and principal characteristics | Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz Ui: 800 V, Uimp: 8 kV, In: 160 A, 170 A, 180 A, 200 A, 225 A, 250 A 3P and 4P (solid N pole and unprotected N pole) See annex for further ratings |
| Trademark (if any) | CHINT |
| Customer's Testing Facility (CTF) Stage used | |
| Model / Type Ref. | NXMLE-250H, NXMLE-250F |
| Additional information (if necessary may also be reported on page 2) | <input type="checkbox"/> Additional information on page 2 |
| 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 | 3312014.50 |

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-250H, NXMLE-250F |
| number of poles | : | 3P and 4P (solid N pole and unprotected N pole) |
| protected pole | : | 3 |
| rated operational voltage (U _e) | : | 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac |
| rated insulation voltage (U _i) | : | 800 V |
| rated impulse withstand voltage (U _{imp}) | : | 8 kV |
| rated current (I _n) | : | 160 A, 170 A, 180 A, 200 A, 225 A, 250 A |
| conventional thermal current (I _{th}) | : | Equal to I _n |
| current rating for four-pole circuit-breakers | : | Equal to I _n |
| rated residual operating current (I _{Δn}) | : | Fixed: 30 mA, 50 mA, 100 mA, 200 mA, 300 mA, 400 mA, 500 mA, 600 mA, 800 mA or 1000 mA 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 _{Δn} (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 |
| rated frequency | : | 50 / 60 Hz |
| reference temperature | : | 40 °C |
| rated service short-circuit breaking capacity (I _{cs}) | : | 50 kA at 220 Vac / 230 Vac / 240 Vac 25 kA at 380 Vac / 400 Vac / 415 Vac |
| suitable for isolation | : | Suitable |
| selectivity category | : | A |
| safety distance (screen-circuit breaker) | : | Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm |
| instantaneous release | : | Magnetic type, fixed, I _i : 10 I _n |
| 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 _n : 1 min ≤ t ≤ 14 min |
| method of mounting | : | Fixed |
| EMC environment | : | A |
| rated tightening torque for terminals line/load terminal | : | 12 Nm |
| connection | : | Marked Copper conductor with cable lug |
| rating – NXMLE-250H | | |
| rated ultimate short-circuit breaking capacity (I _{cu}) | : | 75 kA at 220 Vac / 230 Vac / 240 Vac 50 kA at 380 Vac / 400 Vac / 415 Vac |
| residual short-circuit making and breaking capacity (I _{Δm}) | : | 18,75 kA at 220 Vac / 230 Vac / 240 Vac, 12,5 kA at 380 Vac / 400 Vac / 415 Vac |

rating – NXMLE-250F

| | | |
|---|---|---|
| rated ultimate short-circuit breaking capacity (Icu) | : | 50 kA at 220 Vac / 230 Vac / 240 Vac |
| | | 25 kA at 380 Vac / 400 Vac / 415 Vac |
| residual short-circuit making and breaking capacity (IΔm) | : | 12,5 kA at 220 Vac / 230 Vac / 240 Vac, |
| | | 6,25 kA at 380 Vac / 400 Vac / 415 Vac |

Additional information

Nomenclature breakdown:

NXMLE-250 H / 4 300 B

a b c d e

a = Model name: 'NXMLE'

b = Frame size: 160

c = Short-circuit capacity: 'H', 'F'

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

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