

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

## CB TEST CERTIFICATE

Product	Moulded-Case Circuit Breaker
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 Vac, Uimp: 8 kV, In: 160 A, 170 A, 180 A, 200 A, 225 A, 250 A, 3P and 4P (unprotected N pole or protected N pole) See annex for further ratings
Trademark (if any)	CHINT
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	NXM-250H, NXM-250F, NXMP-250H, NXMP-250F, NXMH-250H, NXMH-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	3311994.50

This CB Test Certificate is issued by the National Certification Body

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

**Ratings:**

number of poles	: 3P and 4P (unprotected N pole or protected N pole)
protected pole	: 3 or 4
rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
rated insulation voltage (Ui)	: 800 Vac
rated impulse withstand voltage (Uimp)	: 8 kV
rated current (In)	: 160 A, 170 A, 180 A, 200 A, 225 A, 250 A
rated operational current (Ie)	: In or (0,7, 0,8, 0,9 , 1,0) x In
conventional thermal current (Ith)	: Equal to In
current rating for four-pole circuit-breakers	: Equal to In
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C or 55 °C
rated service short-circuit breaking capacity (Ics)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 36 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, Ii: 10 In
time setting of the instantaneous release	: Fixed
inverse time delay release	: Thermal type, Fixed or adjustable, Ir: (0,7, 0,8, 0,9, 1,0) x In
time setting of the inverse time delay release	: Fixed, trip time at 2 Ir: 1 min ≤ t ≤ 14 min
method of mounting	: Fixed
EMC environment	: A and B
Individual pole short-circuit breaking capacity (Iit)	: 3 kA at 415 Vac
rated tightening torque for terminals line/load terminal connection	: 12 Nm Marked Copper conductor with cable lug

**Product rating - NXM-250H**

rated ultimate short-circuit breaking capacity (Icu)	: 75 kA at 220 Vac / 230 Vac / 240 Vac 50 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXM-250F**

rated ultimate short-circuit breaking capacity (Icu)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 36 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXMP-250H**

rated ultimate short-circuit breaking capacity (Icu)	: 75 kA at 220 Vac / 230 Vac / 240 Vac 50 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXMP-250F**

rated ultimate short-circuit breaking capacity (Icu)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 36 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXMH-250H**

rated ultimate short-circuit breaking capacity (Icu) : 75 kA at 220 Vac / 230 Vac / 240 Vac  
50 kA at 380 Vac / 400 Vac / 415 Vac

**Product rating - NXMH-250F**

rated ultimate short-circuit breaking capacity (Icu) : 50 kA at 220 Vac / 230 Vac / 240 Vac  
36 kA at 380 Vac / 400 Vac / 415 Vac

## Additional information

Nomenclature breakdown:

NXM-250 H / 4 300 T B

a b c d e f

a = Model name: 'NXM', 'NXMP', 'NXMH'

b = Frame size: 250

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

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

e = 'Blank' means overload release is fixed, 'T' means overload release is adjustable

f = For Neutral pole, 'B' means unprotected N pole, 'C' means protected N pole

**Ratings:**

number of poles	: 3P and 4P (unprotected N pole or protected N pole)
protected pole	: 3 or 4
rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
rated insulation voltage (Ui)	: 800 Vac
rated impulse withstand voltage (Uimp)	: 8 kV
rated current (In)	: 160 A, 170 A, 180 A, 200 A, 225 A, 250 A
rated operational current (Ie)	: In or (0,7, 0,8, 0,9 , 1,0) x In
conventional thermal current (Ith)	: Equal to In
current rating for four-pole circuit-breakers	: Equal to In
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C or 55 °C
rated service short-circuit breaking capacity (Ics)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 36 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, Ii: 10 In
time setting of the instantaneous release	: Fixed
inverse time delay release	: Thermal type, Fixed or adjustable, Ir: (0,7, 0,8, 0,9, 1,0) x In
time setting of the inverse time delay release	: Fixed, trip time at 2 Ir: 1 min ≤ t ≤ 14 min
method of mounting	: Fixed
EMC environment	: A and B
Individual pole short-circuit breaking capacity (Iit)	: 3 kA at 415 Vac
rated tightening torque for terminals line/load terminal connection	: 12 Nm Marked Copper conductor with cable lug

**Product rating - NXM-250H**

rated ultimate short-circuit breaking capacity (Icu)	: 75 kA at 220 Vac / 230 Vac / 240 Vac 50 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXM-250F**

rated ultimate short-circuit breaking capacity (Icu)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 36 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXMP-250H**

rated ultimate short-circuit breaking capacity (Icu)	: 75 kA at 220 Vac / 230 Vac / 240 Vac 50 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXMP-250F**

rated ultimate short-circuit breaking capacity (Icu)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 36 kA at 380 Vac / 400 Vac / 415 Vac
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**Product rating - NXMH-250H**

rated ultimate short-circuit breaking capacity (Icu) : 75 kA at 220 Vac / 230 Vac / 240 Vac  
50 kA at 380 Vac / 400 Vac / 415 Vac

**Product rating - NXMH-250F**

rated ultimate short-circuit breaking capacity (Icu) : 50 kA at 220 Vac / 230 Vac / 240 Vac  
36 kA at 380 Vac / 400 Vac / 415 Vac

## Additional information

Nomenclature breakdown:

NXM-250 H / 4 300 T B

a b c d e f

a = Model name: 'NXM', 'NXMP', 'NXMH'

b = Frame size: 250

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

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

e = 'Blank' means overload release is fixed, 'T' means overload release is adjustable

f = For Neutral pole, 'B' means unprotected N pole, 'C' means protected N pole