

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
<i>Note: When more than one factory, please report on page 2</i>	
Ratings and principal characteristics	Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac, 50 / 60 Hz Ui: 1000 Vac, Uimp: 12 kV In: NXM-400F, NXM-400H, NXMP-400F, NXMP-400H, NXMH-400F, NXMH-400H: 250 A, 280 A, 315 A, 320 A, 400 A NXM-630F, NXM-630H, NXMP-630F, NXMP-630H, NXMH-630F, NXMH-630H: 400 A, 500 A, 600 A, 630 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-400H, NXM-400F, NXM-630H, NXM-630F, NXMP-400H, NXMP-400F, NXMP-630H, NXMP-630F, NXMH-400H, NXMH-400F, NXMH-630H and NXMH-630F
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	3311996.50

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)	: 1000 Vac
rated impulse withstand voltage (Uimp)	: 12 kV
rated operational current (Ie)	: Equal to 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)	: 75 kA at 220 Vac / 230 Vac / 240 Vac, 50 kA at 380 Vac / 400 Vac / 415 Vac
suitable for isolation	: Suitable
utilization category	: A
safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 100 mm, Up / Down: 100 mm
instantaneous release	: Magnetic type, fixed, 2 poles in series: $I_i = 10 I_n$ single pole: $12 I_n$
time setting of the instantaneous release	: Fixed
inverse time delay release	: Thermal type, Fixed or adjustable $I_r: (0,7, 0,8, 0,9, 1,0) \times I_n$
time setting of the inverse time delay release	: Fixed, trip time at $2 I_n: 2 \text{ min} \leq t \leq 16 \text{ min}$
method of mounting	: Fixed
EMC environment	: A and B
Individual pole short-circuit breaking capacity (Iit)	: 7,56 kA at 415 Vac
rated tightening torque for terminals	: 22 Nm
line/load terminal	: Marked
Connection	: Copper conductor with cable lug
rating – NXM-400H	
rated current (In)	: 250 A, 280 A, 315 A, 320 A, 400 A
rated ultimate short-circuit breaking capacity (Icu)	: 100 kA at 220 Vac / 230 Vac / 240 Vac 70 kA at 380 Vac / 400 Vac / 415 Vac
rating – NXM-630H	
rated current (In)	: 400 A, 500 A, 600 A, 630 A
rated ultimate short-circuit breaking capacity (Icu)	: 100 kA at 220 Vac / 230 Vac / 240 Vac 70 kA at 380 Vac / 400 Vac / 415 Vac
rating – NXM-400F	
rated current (In)	: 250 A, 280 A, 315 A, 320 A, 400 A
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

rating – NXM-630F	
rated current (In)	400 A, 500 A, 600 A, 630 A
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
rating – NXMP-400H	
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rated ultimate short-circuit breaking capacity (Icu)	: 100 kA at 220 Vac / 230 Vac / 240 Vac 70 kA at 380 Vac / 400 Vac / 415 Vac
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rated current (In)	400 A, 500 A, 600 A, 630 A
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additional information

Nomenclature breakdown:

NXM - 400 H / 4 300 I C
a b c d e f

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

b = Frame size: '400' or '630'

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

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