

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: 800 Vac, Uimp: 8 kV In: 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 70 A, 75 A, 80 A, 100 A, 125 A, 140 A, 150 A, 160 A 2P, 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-160S, NXMP-160S, NXMH-160S, NXM-160E, NXMP-160E and NXMH-160E
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	3311991.50

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	: 2P, 3P and 4P (unprotected N pole or protected N pole)
protected pole	: 2, 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)	: 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 70 A, 75 A, 80 A, 100 A, 125 A, 140 A, 150 A, 160 A
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)	: 30 kA at 220 Vac / 230 Vac / 240 Vac 20 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: 50 mm, Up / Down: 50 mm
instantaneous release	: Magnetic type, fixed, li: 10 In
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 In: 1 min ≤ t ≤ 12 min
method of mounting	: Fixed
EMC environment	: A and B
Individual pole short-circuit breaking capacity (Iit)	: 1920 A at 415 Vac
rated tightening torque for terminals	: 10 Nm
line/load terminal connection	: Marked Copper conductor with cable lug

Product rating - NXM-160S

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-160S

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-160S

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 - NXM-160E

rated ultimate short-circuit breaking capacity (Icu)	: 40 kA at 220 Vac / 230 Vac / 240 Vac 20 kA at 380 Vac / 400 Vac / 415 Vac
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Product rating - NXMP-160E

rated ultimate short-circuit breaking : 40 kA at 220 Vac / 230 Vac / 240 Vac
capacity (Icu) : 20 kA at 380 Vac / 400 Vac / 415 Vac

Product rating - NXMH-160E

rated ultimate short-circuit breaking : 40 kA at 220 Vac / 230 Vac / 240 Vac
capacity (Icu) : 20 kA at 380 Vac / 400 Vac / 415 Vac

Additional information

Nomenclature breakdown:

NXM-160 S / 4 300 B

a b c d e

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

b = Frame size: 160

c = Short-circuit capacity: 'S', 'E'

d = Pole numbers, '4' means 4P MCCBs, '3' means 3P MCCBs, '2' means 2P MCCBs

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