

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 V, Uimp: 8 kV, In: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A 2P (unprotected N pole or protected N pole), 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-125E, NXM-125S, NXM-63E, NXM-63S, NXMH-125E, NXMH-125S, NXMH-63E, NXMH-63S, NXMP-125E, NXMP-125S, NXMP-63E and NXMP-63S
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	3312531.50

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 (unprotected N pole or protected N pole), 3P and 4P (unprotected N pole or protected N pole)
protected pole	: 2, 3 or 4
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 operational current (I _e)	: I _n
conventional thermal current (I _{th})	: Equal to I _n
current rating for four-pole circuit-breakers	: Equal to I _n
rated frequency	: 50 / 60 Hz
reference temperature	: 40 °C or 55 °C
rated service short-circuit breaking capacity (I _{cs})	: 18 kA at 220 Vac / 230 Vac / 240 Vac; 15 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: 50/0 mm
instantaneous release	: Magnetic type, fixed, Ii: 10 I _n , single pole: 14 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 ≤ 20 min
method of mounting	: Fixed
EMC environment	: A and B
line/load terminal connection	: Marked Copper conductor with cable lug

Product rating - NXM-125E

rated ultimate short-circuit breaking capacity (I _{cu})	: 18 kA at 220 Vac / 230 Vac / 240 Vac 15 kA at 380 Vac / 400 Vac / 415 Vac
rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
individual pole short-circuit breaking capacity (I _{it})	: 1,5 kA at 415 Vac
rated tightening torque for terminals	: 6 Nm for 65 A - 125 A 4 Nm for 10 A - 63 A

Product rating - NXM-125S

rated ultimate short-circuit breaking capacity (I _{cu})	: 36 kA at 220 Vac / 230 Vac / 240 Vac 25 kA at 380 Vac / 400 Vac / 415 Vac
rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
individual pole short-circuit breaking capacity (I _{it})	: 1,5 kA at 415 Vac
rated tightening torque for terminals	: 6 Nm for 65 A - 125 A 4 Nm for 10 A - 63 A

Product rating - NXM-63E

rated ultimate short-circuit breaking capacity (I _{cu})	: 18 kA at 220 Vac / 230 Vac / 240 Vac
	: 15 kA at 380 Vac / 400 Vac / 415 Vac
rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
individual pole short-circuit breaking capacity (I _{lit})	: 756 A at 415 Vac
rated tightening torque for terminals	: 4 Nm

Product rating - NXM-63S

rated ultimate short-circuit breaking capacity (I _{cu})	: 36 kA at 220 Vac / 230 Vac / 240 Vac
	: 25 kA at 380 Vac / 400 Vac / 415 Vac
rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
individual pole short-circuit breaking capacity (I _{lit})	: 756 A at 415 Vac
rated tightening torque for terminals	: 4 Nm

Product rating - NXMH-125E

rated ultimate short-circuit breaking capacity (I _{cu})	: 18 kA at 220 Vac / 230 Vac / 240 Vac
	: 15 kA at 380 Vac / 400 Vac / 415 Vac
rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
individual pole short-circuit breaking capacity (I _{lit})	: 1,5 kA at 415 Vac
rated tightening torque for terminals	: 6 Nm for 65 A - 125 A
	: 4 Nm for 10 A - 63 A

Product rating - NXMH-125S

rated ultimate short-circuit breaking capacity (I _{cu})	: 36 kA at 220 Vac / 230 Vac / 240 Vac
	: 25 kA at 380 Vac / 400 Vac / 415 Vac
rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A, 65 A, 70 A, 75 A, 80 A, 90 A, 100 A, 110 A, 125 A
individual pole short-circuit breaking capacity (I _{lit})	: 1,5 kA at 415 Vac
rated tightening torque for terminals	: 6 Nm for 65 A - 125 A
	: 4 Nm for 10 A - 63 A

Product rating - NXMH-63E

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	: 15 kA at 380 Vac / 400 Vac / 415 Vac
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individual pole short-circuit breaking capacity (I _{lit})	: 756 A at 415 Vac
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Product rating - NXMH-63S

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rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
individual pole short-circuit breaking capacity (I _{it})	: 756 A at 415 Vac
rated tightening torque for terminals	: 4 Nm

Product rating - NXMP-63S

rated ultimate short-circuit breaking capacity (I _{cu})	: 36 kA at 220 Vac / 230 Vac / 240 Vac 25 kA at 380 Vac / 400 Vac / 415 Vac
rated current (I _n)	: 10 A, 15 A, 16 A, 20 A, 25 A, 30 A, 32 A, 40 A, 50 A, 60 A, 63 A
individual pole short-circuit breaking capacity (I _{it})	: 756 A at 415 Vac
rated tightening torque for terminals	: 4 Nm

Additional information

Nomenclature breakdown:

NXM-125 E / 4 300 C

a b c d e

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

b = Frame size: 125 or 63

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