

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: 1000 V, Uimp: 12 kV 3P and 4P (protected N pole) See annex for further ratings
Trademark (if any)	CHINT
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	NXMS-400H, NXMSP-400H, NXMSH-400H, NXMS-400F, NXMSP-400F, NXMSH-400F, NXMS-630H, NXMSP-630H, NXMSH-630H, NXMS-630F, NXMSP-630F and NXMSH-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	3312007.50

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 (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 V
rated impulse withstand voltage (Uimp)	:	12 kV
conventional thermal current (Ith)	:	Equal to In
current rating for four-pole circuit-breakers	:	0,5 In, 1 In, OFF
rated frequency	:	50 / 60 Hz
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
rated short-time withstand current (Icw)	:	8 kA / 1 s at 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac
Individual pole short-circuit breaking capacity (Iit)	:	6,05 kA at 415 Vac
suitable for isolation	:	Suitable
selectivity category	:	B
safety distance (screen-circuit breaker)	:	Front / Back: 0 mm, Left / Right: 100 mm, Up / Down: 100 mm
instantaneous release	:	Ii (instantaneous tripping setting): (2, 3, 4, 6, 8, 10, 12) x In or OFF
time setting of the instantaneous release	:	Fixed
time setting of the inverse time delay release	:	12 s, 60 s, 100 s, 150 s with tolerance of $\pm 20\%$ (at 2 Ir) Trip time at 2 Ir: Set at 12 s: 12 s $\pm 20\%$ Set at 150 s: 150 s $\pm 20\%$
short time delay release	:	I _{sd} (short time delay tripping setting): (1,5, 2, 3, 4, 5, 6, 8) x Ir or OFF
time setting of short time delay release	:	t _{sd} (short time delay tripping setting): 0,3 s with tolerance of $\pm 0,06$ s Non-tripping duration: 0,24 s
method of mounting	:	Fixed
EMC environment	:	A and B
rated tightening torque for terminals	:	22 Nm
line/load terminal connection	:	Marked Copper conductor with cable lug

Product rating - NXMS-400H

rated current (In)	:	400 A
inverse time delay release	:	I _r (inverse time delay tripping setting): 200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 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

Product rating - NXMSP-400H

rated current (In)	:	400 A
inverse time delay release	:	I _r (inverse time delay tripping setting): 200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 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

Product rating - NXMSH-400H

rated current (In) : 400 A
inverse time delay release : Ir (inverse time delay tripping setting):
200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 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

Product rating - NXMS-630H

rated current (In) : 630 A
inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 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

Product rating - NXMSP-630H

rated current (In) : 630 A
inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 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

Product rating - NXMSH-630H

rated current (In) : 630 A
inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 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

Product rating - NXMS-400F

rated current (In) : 400 A
inverse time delay release : Ir (inverse time delay tripping setting):
200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 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

Product rating - NXMSP-400F

rated current (In) : 400 A
inverse time delay release : Ir (inverse time delay tripping setting):
200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 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

Product rating - NXMSH-400F

rated current (In) : 400 A
inverse time delay release : Ir (inverse time delay tripping setting):
200 A, 225 A, 250 A, 280 A, 300 A, 315 A, 350 A, 380 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

Product rating - NXMS-630F

rated current (In) : 630 A
inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 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

Product rating - NXMSP-630F

rated current (In) : 630 A
inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 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

Product rating - NXMSH-630F

rated current (In) : 630 A
inverse time delay release : Ir (inverse time delay tripping setting):
400 A, 450 A, 480 A, 500 A, 530 A, 560 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

Additional information

Nomenclature breakdown:

NXMS - 630 H / 4 300

a b c d

a = Model name: 'NXMS', 'NXMSP', 'NXMSH'

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

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

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