

ATTESTATION OF CONFORMITY

Issued to: Zhejiang Chint Electrics Co., Ltd.
No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, 325603 Zhejiang, China

For the product: Moulded-case circuit-breaker

Trade name: CHINT

Type/Model: NM8N-630C, NM8N-630S, NM8N-630Q, NM8N-630H, NM8N-630R, NM8N-400C, NM8N-400S, NM8N-400Q, NM8N-400H and NM8N-400R

Ratings: Ue: 380 Vac / 400 Vac / 415 Vac, 440 Vac, 500 Vac, 525 Vac, 660 Vac / 690 Vac, 50 / 60 Hz, In: 250 A, 315 A, 350 A, 400 A, 500 A
See annex for further ratings

Manufactured by: Zhejiang Chint Electrics Co., Ltd.
No.1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, 325603 Zhejiang, China

Subject: Type test

Requirements: EN 60947-2:2017, EN 60947-2:2017/A1:2020, EN 60947-5-1:2017, IEC 60947-2:2016, IEC 60947-2:2016/A1:2019, IEC 60947-5-1:2016

Remark: This attestation replaces no. 3315351.01A issued on 2019-10-15.

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test reports no. 3321429.50 issued on 2022-03-25, CQC CB test report no. 00901-CB2018CQC-084130 issued on 2019-03-25 with CB test certificate no. CN46412 issued on 2019-04-09 and CQC CB test report no. 00901-CB2018CQC-084130-M1 issued on 2019-06-06 with CB test certificate no. CN46412-M1 issued on 2019-06-18.

This Attestation implies that the examined types are in accordance with the standards designated under the Low voltage directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Wenzhou, Zhejiang, 01 April 2022 Number: 3321429.01A

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo
Certification Manager

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Ratings

Number of poles	: 3P and 4P (N pole with or without overcurrent protection)
Protected poles	: 3 or 4
Rated operational voltage (Ue)	: 380 Vac / 400 Vac / 415 Vac, 440 Vac, 500 Vac, 525 Vac, 660 Vac / 690 Vac
Rated insulation voltage (Ui)	: 1000 V for main circuit 500 V for control circuit 500 V for auxiliary circuit
Rated impulse withstand voltage (Uimp)	: 12 kV for main circuit 2,5 kV for shunt release and under-voltage release 6,0 kV for electric operating mechanism 2,5 kV for auxiliary circuit
Rated frequency	: 50 / 60 Hz
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
Individual pole short-circuit (I _{IT})	: 1,2 Ii at 690 Vac
Suitable for isolation	: Suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / back: 0 mm Left / right: 0 mm Up / down: 0 mm
Reference temperature	: 40 °C
Method of mounting	: plug-in or fixed or withdrawable
EMC Environment	: A
Tightening torque for terminals	: 25,0 Nm for M10
Line/load terminal	: Immaterial
Connection	: copper conductor with cable lug
Inverse time delay release	: Ir (inverse time delay tripping setting): For thermal magnetic type: Ir: (0,7 / 0,8 / 0,9 / 1) x In Fixed, trip time at 2 In: 60 s ≤ t ≤ 600 s
Time setting of the inverse time delay release	
Instantaneous release	: Ii (instantaneous tripping setting): For thermal magnetic type: Ii: (5 / 6 / 7 / 8 / 9 / 10) x In For electromagnetic type: Ii: (9 / 10 / 11 / 12 / 13 / 14) x In
Shunt release	: SHT22-M8: AC: 48 V, 110 V, 220 - 240 V, 380 - 415 V, 50 / 60 Hz DC: 24 V, 48 V, 110 - 120 V, 220 V
Under-voltage release	: UVT22-M8: AC: 48 V, 110 V, 220 - 240 V, 380 - 415 V, 50 / 60 Hz DC: 24 V, 48 V, 110 - 120 V, 220 V
Electric operating mechanism	: MOD23-M8: AC: 110 V, 220 - 240 V, 380 - 415 V, 50 / 60 Hz DC: 24 V, 110 V, 220 V

Auxiliary circuits : AX21-M8 / AL21-M8
 1 NO and 1 NC
 AC-15: 2 A at 415 Vac, 4 A at 240 Vac,
 5 A at 110 Vac
 DC-13: 0,25 A at 220 Vdc / 110 Vdc
 Ui: 500 V, Uimp: 2,5 kV
 Rated conditional short-circuit current: 1 kA
 Fuse: RL6-25/6, 6 A, 500 Vac, 50 kA, Schneider

Product rating - NM8N-630C

Rated current (In) : 250 A, 315 A, 350 A, 400 A, 500 A
 Rated ultimate short-circuit
 breaking capacity (Icu) : 36 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 25 kA at 500 Vac,
 10 kA at 660 Vac / 690 Vac,
 Rated service short-circuit breaking
 capacity (Ics) : 36 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 25 kA at 500 Vac,
 10 kA at 660 Vac / 690 Vac,

Product rating - NM8N-630S

Rated current (In) : 250 A, 315 A, 350 A, 400 A, 500 A
 Rated ultimate short-circuit
 breaking capacity (Icu) : 50 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 40 kA at 500 Vac,
 36 kA at 525 Vac,
 12 kA at 660 Vac / 690 Vac,
 Rated service short-circuit breaking
 capacity (Ics) : 50 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 40 kA at 500 Vac,
 36 kA at 525 Vac,
 12 kA at 660 Vac / 690 Vac,

Product rating - NM8N-630Q

Rated current (In) : 250 A, 315 A, 350 A, 400 A, 500 A
 Rated ultimate short-circuit
 breaking capacity (Icu) : 70 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 40 kA at 500 Vac,
 36 kA at 525 Vac,
 12 kA at 660 Vac / 690 Vac,
 Rated service short-circuit breaking
 capacity (Ics) : 70 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 40 kA at 500 Vac,
 36 kA at 525 Vac,
 12 kA at 660 Vac / 690 Vac,

Product rating - NM8N-630H

Rated current (In) : 250 A, 315 A, 350 A, 400 A, 500 A
 Rated ultimate short-circuit
 breaking capacity (Icu) : 100 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 50 kA at 500 Vac / 525 Vac,
 15 kA at 660 Vac / 690 Vac,
 Rated service short-circuit breaking
 capacity (Ics) : 100 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac,
 50 kA at 500 Vac / 525 Vac,
 15 kA at 660 Vac / 690 Vac,

Product rating - NM8N-630R

Rated current (In)	: 250 A, 315 A, 350 A, 400 A, 500 A
Rated ultimate short-circuit breaking capacity (Icu)	: 150 kA at 380 Vac / 400 Vac / 415 Vac 100 kA at 440 Vac, 50 kA at 500 Vac / 525 Vac, 15 kA at 660 Vac / 690 Vac
Rated service short-circuit breaking capacity (Ics)	: 150 kA at 380 Vac / 400 Vac / 415 Vac 100 kA at 440 Vac, 50 kA at 500 Vac / 525 Vac, 15 kA at 660 Vac / 690 Vac

Product rating - NM8N-400C

Rated current (In)	: 250 A, 315 A, 350 A, 400 A
Rated ultimate short-circuit breaking capacity (Icu)	: 36 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 25 kA at 500 Vac, 10 kA at 660 Vac / 690 Vac,
Rated service short-circuit breaking capacity (Ics)	: 36 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 25 kA at 500 Vac, 10 kA at 660 Vac / 690 Vac,

Product rating - NM8N-400S

Rated current (In)	: 250 A, 315 A, 350 A, 400 A
Rated ultimate short-circuit breaking capacity (Icu)	: 50 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 40 kA at 500 Vac, 36 kA at 525 Vac, 12 kA at 660 Vac / 690 Vac,
Rated service short-circuit breaking capacity (Ics)	: 50 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 40 kA at 500 Vac, 36 kA at 525 Vac, 12 kA at 660 Vac / 690 Vac,

Product rating - NM8N-400Q

Rated current (In)	: 250 A, 315 A, 350 A, 400 A
Rated ultimate short-circuit breaking capacity (Icu)	: 70 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 40 kA at 500 Vac, 36 kA at 525 Vac, 12 kA at 660 Vac / 690 Vac,
Rated service short-circuit breaking capacity (Ics)	: 70 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 40 kA at 500 Vac, 36 kA at 525 Vac, 12 kA at 660 Vac / 690 Vac,

Product rating - NM8N-400H

Rated current (In)	: 250 A, 315 A, 350 A, 400 A
Rated ultimate short-circuit breaking capacity (Icu)	: 100 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 50 kA at 500 Vac / 525 Vac, 15 kA at 660 Vac / 690 Vac,
Rated service short-circuit breaking capacity (Ics)	: 100 kA at 380 Vac / 400 Vac / 415 Vac / 440 Vac, 50 kA at 500 Vac / 525 Vac, 15 kA at 660 Vac / 690 Vac,

Product rating - NM8N-400R

Rated current (In)	: 250 A, 315 A, 350 A, 400 A
Rated ultimate short-circuit breaking capacity (Icu)	: 150 kA at 380 Vac / 400 Vac / 415 Vac 100 kA at 440 Vac, 50 kA at 500 Vac / 525 Vac 15 kA at 660 Vac / 690 Vac
Rated service short-circuit breaking capacity (Ics)	: 150 kA at 380 Vac / 400 Vac / 415 Vac 100 kA at 440 Vac, 50 kA at 500 Vac / 525 Vac, 15 kA at 660 Vac / 690 Vac

Additional information

NM8N – 630 C TM 500 4

a b c d e f

a = model name: 'NM8N'

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

c = short-circuit capacity: 'C', 'S', 'Q', 'H' or 'R'

d = trip unit: 'M' means electromagnetic type (ICB) or 'TM' means thermal magnetic type

e = rated current: 250 A, 315 A, 350 A, 400 A, 500 A

f = number of poles: '4' means 4P, '3' means 3P

Accessory type	Model
Auxiliary circuit	AX21-M8 / AL21-M8
Shunt release	SHT22-M8
Undervoltage release	UVT22-M8
Electric operating mechanism	MOD23-M8
Rotation handle	DRH23-M8
Plug-in base	PIA23-M8
Withdrawable base	DOB23-M8