

# ATTESTATION OF CONFORMITY

Issued to: Zhejiang Chint Electric 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: NM1-125H, NM1-125S and NM1-125C

Ratings: Ue: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac / 500 Vac /  
660 Vac / 690 Vac for 3P and 4P,  
220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac for 2P, 50 / 60 Hz,  
Ui: 800 V, Uimp: 8 kV  
In: 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, 3P and 4P (protected N pole or unprotected N pole)  
See annex for further ratings

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

Subject: Type test

Requirements: EN 60947-2:2017, IEC 60947-2:2016

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test report no. 3313773.50 issued on 2018-09-25.

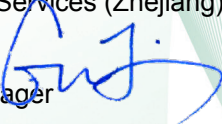
This Attestation implies that the examined types are in accordance with the standards designated under the Low voltage directive (LVD) 2014/35/EU.

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, 10 October 2018      Number: 3313773.01A

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo  
Certification Manager 

© Integral publication of this attestation and adjoining reports is allowed  
The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.



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**Ratings:**

Number of poles	: 2P, 3P and 4P (protected N pole or unprotected N pole)
Protected pole	: 2, 3 or 4
Rated operational voltage (Ue)	: 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac / 500 Vac / 660 Vac / 690 Vac for 3P and 4P, 220 Vac / 230 Vac / 240 Vac / 380 Vac / 400 Vac / 415 Vac for 2P
Rated insulation voltage (Ui)	: 800 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 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
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
Suitable for isolation	: Suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm, Left / Right: 50 mm, Up / Down: 50 mm / 0 mm
Reference temperature	: 40 °C
Method of mounting	: Fixed
EMC environment	: A and B
Tightening torque for terminals	: 10 Nm
Line/load terminal	: Marked
Connection	: Copper conductor with cable lug
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
Instantaneous release	: Magnetic type, fixed, 2 poles in series: I <sub>i</sub> = 10 I <sub>n</sub> single pole: 14 I <sub>n</sub>

**Product rating – NM1-125C**

Rated service short-circuit breaking capacity (Ics)	: 15 kA at 220 Vac / 230 Vac / 240 Vac 13 kA at 380 Vac / 400 Vac / 415 Vac 8 kA at 500 Vac 3 kA at 660 Vac / 690 Vac
Rated ultimate short-circuit breaking capacity (Icu)	: 30 kA at 220 Vac / 230 Vac / 240 Vac 25 kA at 380 Vac / 400 Vac / 415 Vac 15 kA at 500 Vac 5 kA at 660 Vac / 690 Vac

**Product rating – NM1-125H**

Rated service short-circuit breaking capacity (Ics)	: 50 kA at 220 Vac / 230 Vac / 240 Vac 25 kA at 380 Vac / 400 Vac / 415 Vac 15 kA at 500 Vac 5 kA at 660 Vac / 690 Vac
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 25 kA at 500 Vac 10 kA at 660 Vac / 690 Vac

**Product rating – NM1-125S**

Rated service short-circuit breaking capacity (Ics)	:	30 kA at 220 Vac / 230 Vac / 240 Vac
		18 kA at 380 Vac / 400 Vac / 415 Vac
		10 kA at 500 Vac
		4 kA at 660 Vac / 690 Vac
Rated ultimate short-circuit breaking capacity (Icu)	:	50 kA at 220 Vac / 230 Vac / 240 Vac
		35 kA at 380 Vac / 400 Vac / 415 Vac
		20 kA at 500 Vac
		8 kA at 660 Vac / 690 Vac

**Additional information**

Nomenclature breakdown:

NM1-125 S / 4 300 B

a b c d e

a = Model name: 'NM1'

b = Frame size: 125

c = Short-circuit capacity: 'H', 'S', 'C'

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