

# 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: Air Circuit Breaker

Trade name: CHINT

Type/Model: NXA63H

Ratings: Ue: 380 / 400 / 415 Vac, 440 / 525 / 690 Vac, In: 6300 A, 5000 A, 4000 A  
Ui: 1000 V, Uimp: 12 kV, 3P for In: 6300 A, 5000 A, 4000 A  
4P for In: 5000 A, 4000 A  
see other technical data on annex pages

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 AoC no. 3312363.01A issued on 22 January 2018.

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in test reports no. 3326297.50 issued on 2022-12-02 and 3312363.51 issued on 2018-01-12.

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, 27 December 2022      Number: 3326297.01A

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo  
Certification Manager

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### Ratings

Number of poles	: 3P for In: 6300 A, 5000 A, 4000 A 4P for In: 5000 A, 4000 A
Rated operational voltage (Ue)	: 380 / 400 / 415 Vac, 440 / 525 / 690 Vac
Rated insulation voltage (Ui)	: 1000 V for main circuit 415 V for control circuit and auxiliary circuit
Rated impulse withstand voltage (Uimp)	: 12 kV for main circuit 6 kV for control circuit and auxiliary circuit
Rated current (In)	: 6300 A, 5000 A, 4000 A
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-Breakers	: 50% In
Rated frequency	: 50 / 60 Hz
Rated service short-circuit breaking Capacity (Ics)	: 100% Icu
Rated ultimate short-circuit Breaking capacity (Icu)	: 120 kA at 380 / 400 / 415 Vac 85 kA at 440 / 525 / 690 Vac
Rated short-time withstand current (Icw)	: 100 kA / 1s at 380 / 400 / 415 Vac 75 kA / 1s at 440 / 525 / 690 Vac
Suitable for isolation	: Suitable
Utilization category	: B
Safety distance (screen-circuit breaker)	: Left / Right: 0 mm Up / Down: 0 mm Front / Back: 0 mm
Reference temperature	: Independent
Method of mounting	: Fixed or Withdrawable
EMC environment	: A
Degree of protection	: IP20 (only from front side)
Rated tightening torque for Terminals (Nm)	: 50 Nm
Line/load terminal Connection	: Immaterial Copper busbar for 6300 A, 5000 A: (100 x 10) mm <sup>2</sup> x 8 Copper busbar for 4000 A: (100 x 10) mm <sup>2</sup> x 6
Electronic trip unit type(s)	: type M, type A, type P and type H
Inverse time delay release	: Ir (inverse time delay tripping setting): (0,4 - 1) x In, in steps of 1 A for trip units of type P and type H (0,4 / 0,5 / 0,6 / 0,7 / 0,8 / 0,9 / 1) x In for trip units of type M and type A
Time setting of the inverse time delay release	: tr (inverse time delay tripping setting): 1 s - 24 s (1 / 2 / 4 / 8 / 12 / 16 / 20 / 24 s), with tolerance of ± 15% (at 6 Ir) 2Ir tripping time declared by the manufacturer: when tr = 1 s: 7,65 s - 10,35 s when tr = 24 s: 183,6 s - 248,4 s
Short time delay release	: Isd (short time delay tripping setting): Max 50 kA (2 - 10) x Ir, in steps of 1 A for trip units of type P and type H (2 / 3 / 4 / 5 / 6 / 8 / 10) x Ir for trip units of type M and type A
Time setting of the short time delay release	: tsd (short time delay tripping setting): I <sup>2</sup> t off: 0,1 s - 0,4 s (0,1 / 0,2 / 0,3 / 0,4 s) 0,1 s, with tolerance of 60 ms - 140 ms 0,2 s, with tolerance of 160 ms - 240 ms 0,3 s, with tolerance of 255 ms - 345 ms 0,4 s, with tolerance of 340 ms - 460 ms
Instantaneous release	: Ii (instantaneous tripping setting): Max 63 kA (2 - 15) x In, in steps of 1 A for trip units of type P and type H (2 / 4 / 6 / 8 / 10 / 12 / 15) x In for trip units of type M and type A

MCR release	:	26 kA
Ground fault release	:	I <sub>g</sub> (ground fault release tripping setting): 500 A - 1200 A, in steps of 1 A for trip units of type P and type H (500 / 640 / 800 / 960 / 1040 / 1120 / 1200 A) for trip units of type M and type A
Time setting of the ground fault release	:	t <sub>g</sub> (ground fault release tripping setting): I <sup>2</sup> t off: 0,1 s - 0,4 s (0,1 / 0,2 / 0,3 / 0,4 s) 0,1 s, with tolerance of 60 ms - 140 ms 0,2 s, with tolerance of 160 ms - 240 ms 0,3 s, with tolerance of 255 ms - 345 ms 0,4 s, with tolerance of 340 ms - 460 ms
Shunt release	:	220 / 230 / 240 Vac, 380 / 400 / 415 Vac; 50 / 60 Hz 110 Vdc, 220 Vdc
Under-voltage release	:	220 / 230 / 240 Vac, 380 / 400 / 415 Vac; 50 / 60 Hz
Closing coil	:	220 / 230 / 240 Vac, 380 / 400 / 415 Vac; 50 / 60 Hz 110 Vdc, 220 Vdc
Stored energy motor	:	220 / 230 / 240 Vac, 380 / 400 / 415 Vac; 50 / 60 Hz 110 Vdc, 220 Vdc
Power modules for trip unit	:	220 / 230 / 240 Vac, 380 / 400 / 415 Vac; 50 / 60 Hz 110 Vdc, 220 Vdc
Auxiliary contact	:	6NO6NC, 4NO4NC AC-15: 1,3 A at 240 Vac, 0,75 A at 415 Vac DC-13: 0,55 A at 110 Vdc, 0,27 A at 220 Vdc Ui: 415 V, Uimp: 6 kV, I <sub>th</sub> : 6 A rated conditional short-circuit current: 1 kA kind of protective device: NT00-6, 6 A