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:	NA8-2500H
Ratings:	Ue: 380 / 400 / 415 Vac, 690 Vac In: 2500 A, 2000 A, 1600 A, 1250 A, 1000 A, 800 A, 630 A Ui: 1000 V, Uimp: 12 kV, 3P or 4P (N pole with protection) 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 60947-5-1:2004, EN 60947-5-1:2004/A1:2009, IEC 60947-2:2016 and IEC 60947-5-1:2003 + A1:2009
Remark:	This Attestation replaces AoC no. 3307262.01A issued on 11 June 2015.

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in test reports no. 3312765.50 issued on 2018-09-18, 3307262.50 issued on 2015-06-02 and 3307262.51 issued on 2015-06-02.

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.

Wenzhou, Zhejiang, 11 October 2018 Number: 3312765.01A

DEKRA Testing Services (Zhejiang) Co., Ltd.

Ms J Guo
Certification Manager

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

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SPECIFICATION OF THE CERTIFIED PRODUCT

Ratings

number of poles	:	3P or 4P (N pole with protection)
protected poles	:	3 or 4
rated operational voltage (Ue)	:	380 / 400 / 415 Vac, 690 Vac
rated insulation voltage (Ui)	:	1000 V for main circuit 500 V for control circuit 415 V for auxiliary circuit
rated impulse withstand voltage (Uimp)	:	12 kV for main circuit 6 kV for control circuit 6 kV for auxiliary circuit
rated frequency	:	50 / 60 Hz
rated current (In)	:	2500 A, 2000 A, 1600 A, 1250 A, 1000 A, 800 A, 630 A
conventional thermal current (Ith)	:	Equal to In
current rating for four-pole circuit-breakers	:	Equal to In
rated service short-circuit breaking capacity (Ics)	:	100% Icu
rated ultimate short-circuit breaking capacity (Icu)	:	85 kA at 380 / 400 / 415 Vac, 65 kA at 690 Vac
rated short-time withstand current (Icw)	:	100% Icu / 1 s at 380 / 400 / 415 Vac, 100% Icu / 1 s at 690 Vac 50 kA / 3 s at 380 / 400 / 415 / 690 Vac
suitable for isolation	:	Suitable
selectivity 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
tightening torque for terminals	:	45 Nm for M10
line/load terminal	:	Immaterial
connection	:	Minimum cross-sectional area of conductor: 185 mm² x 2, prepared copper conductor with cable lug Maximum cross-sectional area of conductor: (100 x 5) mm² x 4, copper busbar

electronic trip unit type(s)	:	multi function type, standard I type, standard II type and advanced type
inverse time delay release	:	Ir (inverse time delay tripping setting): For trip unit of standard II type: (0,4 / 0,5 / 0,6 / 0,7 / 0,8 / 0,9 / 1) x In For trip unit of advanced type: (0,4 - 1) x In, in steps of 1 A For trip units of multi function type and standard I type: (0,4 - 1) x In, in steps of 1 A
time setting of the inverse time delay release	:	tr (inverse time delay tripping setting): For trip units of standard II type and advanced type: 1 s / 2 s / 4 s / 8 s / 12 s / 16 s / 20 s / 30 s with tolerance of ± 10% (at 6 Ir) For trip units of multi function type and standard I type: 1 s / 2 s / 4 s / 8 s / 12 s / 16 s / 20 s / 24 s / 30 s with tolerance of ± 15% (at 6 Ir) 2Ir tripping time declared by the manufacturer: For trip units of standard II type and advanced type: when tr = 1 s: 8,1 s - 9,9 s when tr = 30 s: 243 s - 297 s For trip units of multi function type and standard I type: when tr = 1 s: 7,65 s - 10,35 s; when tr = 30 s: 229,5 s - 310,5 s
short time delay release	:	Isd (short time delay tripping setting): For trip unit of standard II type: (1,5 / 2 / 3 / 4 / 6 / 8 / 10) x Ir For trip unit of advanced type: (1,5 - 10) x Ir, in steps of 1 A For trip units of multi function type and standard I type: (1,5 - 10) x Ir, in steps of 1 A if Isd < 10 kA, in steps of 0,01 kA if Isd ≥ 10 kA
time setting of the short time delay release	:	tsd (short time delay tripping setting): I^2t off: 0,1 s / 0,2 s / 0,3 s / 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): For trip unit of standard II type: (2 / 4 / 6 / 8 / 10 / 12 / 15) x In For trip unit of advanced type: (2 - 15) x In, in steps of 1 A For trip units of multi function type and standard I type: (2 - 15) x In, in steps of 1 A if Ii < 10 kA, in steps of 0,01 kA if Ii ≥ 10 kA
making current release (MCR)	:	For trip units of standard II type and advanced type: 25 kA For trip units of multi function type and standard I type: 25 kA

ground fault release	:	Ig (ground fault release tripping setting): Max 1200 A For trip unit of standard II type: (0,2 / 0,3 / 0,4 / 0,5 / 0,6 / 0,8 / 1) x In For trip unit of advanced type: (0,2 - 1) x In, in steps of 1 A For trip unit of multi function type and standard I type: (0,2 - 1) x In, in steps of 1 A, if In < 2500 A; (500 A - 1200 A), in steps of 1 A, if In = 2500 A
time setting of the ground fault release	:	tg (ground fault release tripping setting): I^2t off: 0,1 s / 0,2 s / 0,3 s / 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	:	48 Vac / 48 - 60 Vdc, 100 - 130 Vac / Vdc, 200 - 250 Vac / Vdc, 380 - 440 Vac
under-voltage release	:	48 Vac / 48 - 60 Vdc, 100 - 130 Vac / Vdc, 200 - 250 Vac / Vdc, 380 - 440 Vac
closing coil	:	48 Vac / 48 - 60 Vdc, 100 - 130 Vac / Vdc, 200 - 250 Vac / Vdc, 380 - 440 Vac
stored energy motor	:	220 / 230 Vac, 380 / 400 / 415 Vac, 110 / 220 Vdc
power module for trip unit	:	220 - 230 Vac, 380 - 415 Vac, 110 Vdc, 220 Vdc
auxiliary circuits	:	6NO6NC, 4NO4NC AC-15: 0,75 A at 415 Vac, 1,3 A at 230 Vac DC-13: 0,27 A at 220 Vdc, 0,55 A at 110 Vdc Ui: 415 V, Uimp: 6 kV, Ith: 6 A rated conditional short-circuit current: 1 kA SCPD: NT00-6, 6 A