

# 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: Thermal overload relay

Trade name: CHINT

Type/Model: NR2-93

Ratings: 380 / 400 / 415 Vac, 660 Vac,  
23-32 A, 30-40 A, 37-50 A, 48-65 A, 55-70 A, 63-80 A, 80-93 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 IEC 60947-4-1:2019, EN 60947-5-1:2017,  
IEC 60947-4-1:2018, IEC 60947-5-1:2016

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 3316369.50 issued on 2019-09-11 and 3316366.51 issued on 2019-09-05.

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, 30 September 2019      Number: 3316369.01A

DEKRA Testing Services (Zhejiang) Ltd.

Certification Manager

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**Ratings:**

product	:	Thermal Overload Relay
trade name(s)	:	CHINT
type(s)	:	NR2-93
kind of equipment	:	Thermal Overload Relay
number of poles	:	3
kind of current (a.c. or d.c.)	:	a.c
interrupting medium	:	Air
method of operation	:	Automatic and by hand
rated frequency	:	50 / 60 Hz
rated duties	:	Uninterrupted operation duty
Rated and limiting values, main circuit	:	As below
rated operational voltage U <sub>e</sub> (V)	:	380 / 400 / 415, 660 Vac
rated insulation voltage U <sub>i</sub> (V)	:	690 V
rated impulse withstand voltage U <sub>imp</sub> (kV)	:	6 kV
conventional free air thermal current I <sub>th</sub> (A)	:	93 A
rated operational current I <sub>e</sub> (A) or rated operational powers	:	23-32 A, 30-40 A, 37-50 A, 48-65 A, 55-70 A, 63-80 A, 80-93 A
rated uninterrupted current I <sub>u</sub> (A)	:	Equal to I <sub>e</sub>
rated prospective short-circuit current "r" (kA)	:	5 kA
rated conditional short-circuit current I <sub>q</sub> (kA)	:	50 kA
type of co-ordination	:	1
SCPD	:	Fuse: RT36-2 (NT2) gG 160 A, 690 Vac, 50 kA Manufacturer is CHINT, Flexible and rigid stranded wire: 1,5 mm <sup>2</sup> -35 mm <sup>2</sup> One side, screw terminals, one conductor per terminal Other side, pins to be connected to contactors
Terminal Terminations	:	
Auxiliary circuits	:	As below
rated operational voltage U <sub>e</sub> (V)	:	AC-15: 380 Vac, 220 Vac, DC-13: 220 Vdc
rated insulation voltage: U <sub>i</sub> (V)	:	690 V
rated impulse withstand voltage U <sub>imp</sub> (kV)	:	6 kV
rated operational current: I <sub>e</sub> (A)	:	AC-15, 1,58 A at 380 Vac, 2,73 A at 220 Vac DC-13, 0,2 A at 220 Vdc
kind of current	:	AC or DC
rated frequency: (Hz)	:	50/60 Hz
number of circuits	:	2
number and kind of contact elements	:	1NO and 1NC
rated uninterrupted current: I <sub>u</sub> (A)	:	Equal to I <sub>e</sub>
utilization category: (AC, DC, current and voltage)	:	AC-15, 1,58 A at 380 Vac, 2,73 A at 220 Vac DC-13, 0,2 A at 220 Vdc
Short-circuit characteristic	:	As below
Rated conditional short-circuit current (kA)	:	1 kA
kind of protective device	:	Fuse: RT36-00 (NT00) 6 A, 500 Vac, 120 kA Manufacturer is CHINT