


Test Verification of Conformity

Verification Number: 190301102SHA-V1

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>. This verification replaces previous verification dated: 05-09-2016: 160601764SHA-V1.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of

Applicant Name & Address:	Zhejiang Chint Electrics Co., Ltd. No.1 Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang Province, P.R.China 325603
Manufacturing site Name & Address:	Same as applicant
Product Description:	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)
Ratings & Principle Characteristics:	See Appendix
Models/Type References:	NL1-63, NL1-63V
Brand Name(s):	CHINT
Standard(s)/Directive(s):	EN 61008-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2017 EN 61008-2-1:1994 and A11:1998 Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Test Report Number(s):	190301102SHA-001, -002


Signature

Name: Oliver Wei
Position: Manager
Date: June 13, 2019

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190301102SHA-V1.

Rating and principal characteristics:

Model: NL1-63, NL1-63Y

$U_n = 240V \sim (1P+N)$, $415V \sim (3P+N)$, with switched neutral

$I_{\Delta c} = I_{nc} = 4,5kA \& 6kA \& 10kA$, 50/60Hz

General type:

$I_n = 16, 25, 32, 40, 63A$

$I_{\Delta n} = 0,01$ (only for $I_n = 16, 25, 32A$, 1P+N), Type-A and -AC

$I_{\Delta n} = 0,03, 0,1, 0,3A$, Type-A and -AC

$I_{\Delta n} = 0,5A$, Type-AC

With type S:

$I_n = 25, 32, 40, 63A$

$I_{\Delta n} = 0,1, 0,3A$, Type-A and -AC, Type-S

$I_{\Delta n} = 0,5A$, Type-AC, Type-S

With manufacturer code SI:

$I_n = 16, 25, 32, 40, 63A$

$I_{\Delta n} = 0,03, 0,1, 0,3A$, Type-A

with manufacturer code G:

$I_n = 16, 25, 32, 40, 63A$

$I_{\Delta n} = 0,03, 0,1, 0,3A$, Type-A and -AC

$I_{\Delta n} = 0,5A$, Type-AC

Limit values of break time and non-actuating time (s) for alternating residual currents (r.m.s) for type A&AC:

Code	I_n (A)	$I_{\Delta n}$ (A)	$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$	$5I_{\Delta n}$ or 0,25A	$5A \sim$ 200A	500A	
SI/G	≥ 16	$\geq 0,03$	0,3	0,15	0,04		0,04	0,04	Maximum break times
		$\geq 0,03$	0,01	0,01	0,01		0,01	0,01	Minimum non-actuating times


Signature

Name: Oliver Wei

Position: Manager

Date: June 13, 2019

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.