

Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant  mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

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(s) Tested	: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's)
Ratings and principal characteristics	: See Annex
Model(s)	: NL1-63
Brand name	: 
Relevant Standard(s) / Specification(s) / Directive(s)	: EN 61008-1:2012+A1:2014+A2:2014+A11:2015+A12:2017 EN 61008-2-1:1994+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
Verification Number	: 180101532SHA-V1
Report Number(s)	: 160601764SHA-001, -002, 160601764SHA-001A1, -002A1

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

NOTE 2: This verification supersedes the previous verification ref. No. 160601764SHA-V1 dated 05 September 2016.

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 copy or distribute 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 results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.


Oliver Wei
Manager
February 01, 2018

Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):

180101532SHA-V1/160601764SHA-001, -002, 160601764SHA-001A1, -002A1. The issuing office is Intertek Testing Services Shanghai (Address: Building No.86, 1198 Qinzhou Road (North), Caohejing Development Zone, Shanghai 200233, China)

Rating and principal characteristics:

$U_n = 240V \sim (1P+N)$, $415V \sim (3P+N)$
 $I_n = 16, 25, 32, 40, 63A$

$I_{\Delta n} = 0,01$ (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
 $I_{\Delta c} = I_{nc} = 4,5kA \& 6kA \& 10kA$, 50/60Hz

(The manufacturer code: SI)
 $I_{\Delta n} = 0,03, 0,1, 0,3A$, Type-A
 $I_{\Delta c} = I_{nc} = 4,5kA \& 6kA \& 10kA$, 50/60Hz

(The manufacturer code: G)
 $I_{\Delta n} = 0,03, 0,1, 0,3A$, Type-A and -AC
 $I_{\Delta n} = 0,5A$, Type-AC
 $I_{\Delta c} = I_{nc} = 4,5kA \& 6kA \& 10kA$, 50/60Hz

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

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~ 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

NOTE: This annex is part of the Test Verification of Conformity and should be read in conjunction with it.

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