

Test Verification of Conformity

Verification Number: 2309A0449SHA-V2

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 regulation(s) listed on this verification at the time the tests were carried out. Other standards and Regulations 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>.

Once compliance with all products relevant **UK CA** mark regulations are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Zhejiang Chint Electric Co., Ltd. No 1, Chint Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang Province, P.R.China
Manufacturing site Name & Address:	Same as applicant
Product Description:	Residual current operated circuit-breakers out integral overcurrent protection for household and similar uses (RCCB's)
Ratings & Principle Characteristics:	See page 2
Models/Type References:	NL1-63, NL1-63Y
Brand Name(s):	CHINT
Relevant Standards/Regulations:	BS EN 61008-1:2012+A12:2017 BS EN 61008-2-1:1995 Electrical Equipment (Safety) Regulations 2016
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Date of Tests:	2022-09-05 to 2022-10-31 2023-09-08 to 2023-09-20
Test Report Number(s):	220900228SHA-001, 220900228SHA-002 220900228SHA-001 M1, 220900228SHA-002 M1



Signature

Name: Oliver Wei

Position: Manager

Date: 26 September 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number 2309A0449SHA-V2.

Rating and principal characteristics:

Model: NL1-63, NL1-63V

$U_n = 230/240V\sim, 110/127V\sim 2P$

$U_n = 400/415V\sim, 200/220V\sim 4P$

with switched neutral pole, the neutral pole is identical with the phase pole

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

General type:

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

$I_{\Delta n} = 0,01A$ (only for $I_n = 16, 25, 32A, 2P$), 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



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