

Test Verification of Conformity

Verification Number: 210402200SHA-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 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 product 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:	CHANGAN GROUP CO., LTD. No. 288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China
Manufacturer site:	Same as applicant
Product Description:	Low-voltage switchgear and controlgear: Contactors and motor-starters (Thermal overload relay)
Ratings & Principle Characteristics:	See Appendix page
Models/Type References:	CR2-13, CR2-33
Brand Name:	CHANA
Relevant Standards/Regulations:	BS EN 60947-4-1:2019 BS EN 60947-5-1:2017 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:	2019-07-23 to 2019-12-02
Test Report Number(s):	190702394SHA-001, -002, -003, -004



Signature

Name: Oliver Wei

Position: Manager

Date: 20 May 2021

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210402200SHA-V1.

Rating and principal characteristics:

Type:	CR2-13					
Rating:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz					
Main circuit:						
U _e (V):	415					
I _e , AC-3 (A):	0,1-0,16	0,16-0,25	0,25-0,4	0,4-0,63	0,63-1	1-1,6
	1,6-2,5	2,5-4	4-6	5,5-8	7-10	9-13
	12-18	17-25				
Trip class:	10A					
I _r (A):	3000					
I _q (A):	3000					
Auxiliary circuit:						
U _e (V):	AC 415					
I _e , (A):	AC-15: 1,58					
I _{th} (A):	5					

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APPENDIX: Test Verification of Conformity

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Rating and principal characteristics:

Type:	CR2-33					
Rating:	Ui= 690V, 3 poles, Uimp= 6kV, IP20, 50/60Hz					
Main circuit:						
Ue (V):	415					
Ie, AC-3 (A):	23-32	30-40	37-50	48-65	55-70	63-80
	80-93					
Trip class:	10A					
Ir (A):	5000					
Iq (A):	5000					
Auxiliary circuit:						
Ue (V):	AC 415					
Ie, (A):	AC-15: 1,58					
Ith (A):	5					



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