Test Verification of Conformity

Verification Number: 190702394SHA-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>.

Once compliance with all product relevant CE mark directives 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 Wei17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China
Manufacturing site Name&Address:	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(s):	CHANA
Standard(s)/Directive(s):	EN 60947-4-1:2019 EN 60947-5-1:2017 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
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: 19 December 2019

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190702394SHA-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					

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190702394SHA-V1.

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					

Signature

Name: Oliver Wei
Position: Manager
Date: 19 December 2019