

Test Verification of Conformity

Verification Number: 211102679SHA-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 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: 06-01-2022: 211102679SHA-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 Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Wenzhou Tosun Electric Co., Ltd. Room No.1001, Fortune Center, Station Road, Wenzhou, China
Manufacturing site Name&Address:	Wenzhou Tosun Electric Co., Ltd. No.1, Huashan Road, Wenzhou Bridge Industrial Zone, Baixiang, Yueqing, Zhejiang, China
Product Description:	Low-voltage switchgear and controlgear: Thermal Overload Relay
Ratings & Principle Characteristics:	See Appendix page
Models/Type References:	TSR2-D13**, TSR2-D23**, TSR2-D33**
Brand Name(s):	
Standard(s)/Directive(s):	EN IEC 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	2021-11-18 to 2021-12-23
Test Report Number(s):	201202715SHA-001, -002, -003, -003A1, -004

Signature



Name: Oliver Wei

Position: Manager

Date: 23 November 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 211102679SHA-V2.

Rating & principal characteristics:

Main circuit:					
Type:	TSR2-D13**				
U _e (V):	415~				
I _e (A):	TSR2-D1301	TSR2-D1302	TSR2-D1303	TSR2-D1304	TSR2-D1305
	0,10-0,16	0,16-0,25	0,25-0,4	0,4-0,63	0,63-1,0
	TSR2-D1306	TSR2-D1307	TSR2-D1308	TSR2-D1310	TSR2-D1312
	1,0-1,6	1,6-2,5	2,5-4,0	4,0-6,0	5,5-8,0
	TSR2-D1314	TSR2-D1316	TSR2-D1321	TSR2-D1322	
	7,0-10	9,0-13	12-18	17-25	
I _r = I _q (A):	3000(≥9,0-13A), 1000(≤7,0-10A)				
Other information:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz, Trip class: 10A				

Type:	TSR2-D23**				
U _e (V):	415~				
I _e (A):	TSR2-D2353	TSR2-D2355			
	23-32	28-36			
I _r = I _q (A):	3000				
Other information:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz, Trip class: 10A				

Type:	TSR2-D33**				
U _e (V):	415~				
I _e (A):	TSR2-D3353	TSR2-D3355	TSR2-D3357	TSR2-D3359	TSR2-D3361
	23-32	30-40	37-50	48-65	55-70
	TSR2-D3363	TSR2-D3365			
	63-80	80-93			
I _r = I _q (A):	5000				
Other information:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz, Trip class: 10				

Auxiliary circuit:	
U _e (V):	AC 415
I _e (A):	AC-15: 0,95
Other information:	I _{th} = 5A, Conditional short-circuit current: 1kA

Signature



Name: Oliver Wei

Position: Manager

Date: 23 November 2022

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