

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Low-voltage switchgear and controlgear: Thermal Overload Relay

Name and address of the applicant

Wenzhou Tosun Electric Co., Ltd.
Room No.1001, Fortune Center, Station Road, Wenzhou,
CHINA

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Note: When more than one factory, please report on page 2

Wenzhou Tosun Electric Co., Ltd.
No.1 Huashan Road, Wenzhou Bridge Industrial Zone
Baixiang, Yueqing, Zhejiang,
CHINA

Ratings and principal characteristics

See page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

TSR2-D13**, TSR2-D23**, TSR2-D33**

Additional information (if necessary may also be reported on page 2)

See page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-4-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

201202715SHA-001, -002, -003, -003A1, -004

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

intertek

Signature:



Leif Mattsson

Date: 05 January, 2022

Ratings and 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	
Trip class:	10A				
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				

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

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			
Trip class:	10				
I _r = I _q (A):	5000				
Other information:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz				

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

Additional information

Explanation of the symbol "*" in type designation TSR2-D13**.
The symbol can be number 01, 02, 03 04, 05, 06, 07, 08, 10, 12, 14, 16, 21or 22.

Explanation of the symbol "*" in type designation TSR2-D23**.
The symbol can be number 53or 55.

Explanation of the symbol "*" in type designation TSR2-D33**.
The symbol can be number 53, 55, 57, 59, 61, 63 or 65

Date: 05 January, 2022

Signature:





Ref. Certif. No.

SE-104761M1

This certificate replaces CB certificate SE-104761, dated 07 May 2021. A new certificate has been issued due to two new additional models TSR2-D3363 and TSR2-D3365.

Date: 05 January, 2022

Signature:

A handwritten signature in blue ink, appearing to read "J. Matthei".