



Ref. Certif. No.

SE-91516

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

CB TEST CERTIFICATE

Product

Thermal overload relay

Name and address of the applicant

Zhejiang ETEK Electrical Technology Co., Ltd.
No.288 Wei 17th Road, Yueqing Economic Development Zone,
Yueqing, Wenzhou, Zhejiang Province, P.R. China

Name and address of the manufacturer

Changan Group Co., Ltd.
No.288 Wei 17th Road, Yueqing Economic Development Zone,
Yueqing, Wenzhou, Zhejiang Province, P.R. China

Name and address of the factory

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

Same as manufacturer

Ratings and principal characteristics

See page 2

Trademark (if any)

Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

EKR2-13, EKR2-33

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

See page 3

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

IEC 60947-4-1:2009+A1

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

180700566SHA-001, 180700566SHA-003

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
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Int +46 8 750 00 00

Date: 1 August 2018

intertek

Signature:

Helen Gustafsson

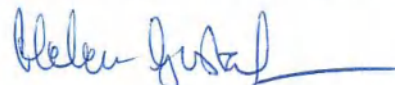
Ratings and principal characteristics

Type:	EKR2-13				
Main circuit:					
U _e (V):	415~				
I _e , AC-3 (A):	EKR2-1301	EKR2-1302	EKR2-1303	EKR2-1304	EKR2-1305
	0,10-0,16	0,16-0,25	0,25-0,4	0,4-0,63	0,63-1,0
	EKR2-1306	EKR2-1307	EKR2-1308	EKR2-1310	EKR2-1312
	1,0-1,6	1,6-2,5	2,5-4,0	4,0-6,0	5,5-8,0
	EKR2-1314	EKR2-1316	EKR2-1321	EKR2-1322	
	7,0-10	9,0-13	12-18	17-25	
Rating:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz				
Trip class:	10A				
I _r (A):	3000				
I _q (A):	3000				
Auxiliary circuit:					
U _e (V):	AC 415				
I _e , (A):	AC-15: 1,58A				
other information	I _{th} =5A, conditional short-circuit current: 1kA				

Type:	EKR2-33				
Main circuit:					
U _e (V):	415~				
I _e , AC-3 (A):	EKR2-3353	EKR2-3355	EKR2-3357	EKR2-3359	EKR2-3361
	23-32	30-40	37-50	48-65	55-70
	EKR2-3363	EKR2-3365			
	63-80	80-93			
Rating:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz				
Trip class:	10A				
I _r (A):	5000				
I _q (A):	5000				
Auxiliary circuit:					
U _e (V):	AC 415				
I _e , (A):	AC-15: 1,58A				
other information	I _{th} =5A, conditional short-circuit current: 1kA				

Date: 1 August 2018

Signature:

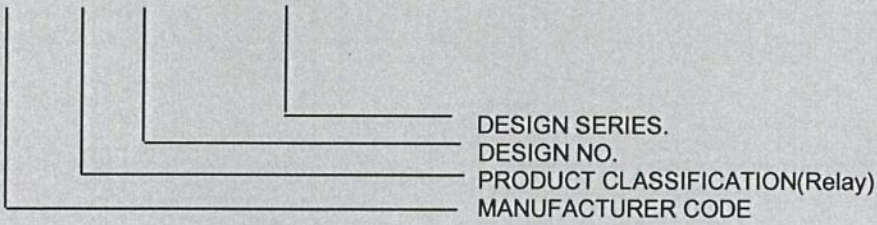


Additional information (if necessary)

Product has also been checked according to IEC 60947-5-1:2003+A1:2009, Test report Ref. No. 180700566SHA-002 and 180700566SHA-004

Explanation of type designation:

EK R 2 - **



Date: 1 August 2018

Signature: *Helen Gustaf*