



Ref. Certif. No.

**SE-92553**

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

**CB TEST CERTIFICATE**

Product	Low voltage switchgear and controlgear, Contactors and motor-starters
Name and address of the applicant	Zhejiang ETEK Electrical Technology Co., Ltd. No. 288 Wei17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, CHINA
Name and address of the manufacturer	Changan Group Co., Ltd. No.288 Wei17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, CHINA
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	Same as manufacturer
Ratings and principal characteristics	See page 2-3
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	EKC1-**
Additional information (if necessary may also be reported on page 2)	See page 2-3
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	180700564SHA-001, 180700564SHA-003, 180700564SHA-005, 180700564SHA-007

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB  
Box 1103  
SE-164 22 Kista, Sweden  
Int +46 8 750 00 00

Date: 15 November 2018

**intertek**

Signature:

Bo Berglöf

**Additional information (if necessary)**

The Auxiliary circuit have been evaluated according to IEC 60947-5-1:2016

EKC1-<sup>\*</sup><sub>a</sub> <sup>\*</sup><sub>b</sub>

- a) Rate current for AC-3
- b) 10 means 1NO auxiliary circuit, 11 means 1NO1NC auxiliary circuit, 04 means 4P sample.

EKC1-09, EKC1-12, EKC1-18

Main circuit:

Type: EKC1-09

Ue= 415V~(3-poles), AC-3: Ie= 9A; AC-4: Ie=3,5A; Ith= 20A, Ir=Iq= 3kA, Ui= 690V, Uimp= 6kV

Type: EKC1-12

Ue= 415V~(3-poles), AC-3: Ie= 12A; AC-4: Ie=5,0A; Ith= 20A, Ir=Iq= 3kA, Ui= 690V, Uimp= 6kV

Type: EKC1-18

Ue= 415V~(3-poles), AC-3: Ie= 18A; AC-4: Ie=7,7A; Ith=32A, Ir=Iq= 3kA, Ui= 690V, Uimp= 6kV

Control circuit:

Us= 24/ 48/ 110/ 240/ 415V a.c

Auxiliary circuit: 10 (1NO), 11 (1NO&1NC)

Ith= 10A, Cat.: AC-15, Ue= 415V, Ie= 0,95A

EKC1-12, EKC1-09 are identical with EKC1-18 except for the lower rating.

EKC1-25, EKC1-32

Main circuit:

Type: EKC1-25

Ue= 415V~(3-poles, 4-poles), AC-3: Ie= 25A; AC-4: Ie=8,5A; Ith= 40A, Ir=Iq= 3kA, Ui= 690V, Uimp= 6kV

Type: EKC1-32

Ue= 415V~(3-poles, 4-poles), AC-3: Ie= 32A; AC-4: Ie=12A; Ith= 50A, Ir=Iq= 3kA, Ui= 690V, Uimp= 6kV

Control circuit:

Us= 24/ 48/ 110/ 240/ 415V a.c

Auxiliary circuit: 10 (1NO), 11 (1NO&1NC)

Ith= 10A, Cat.: AC-15, Ue= 415V, Ie= 0,95A

EKC1-25 is identical with EKC1-32 except for the lower rating.

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EKC1-40, EKC1-50, EKC1-65

Main circuit:

Type: EKC1-40

Ue= 415V~(3-poles, 4-poles), AC-3: Ie= 40A; AC-4: Ie=18,5A; Ith= 60A, Ir=Iq= 5kA, Ui= 690V, Uimp= 6kV

Type: EKC1-50

Ue= 415V~(3-poles, 4-poles), AC-3: Ie= 50A; AC-4: Ie=24A; Ith= 80A, Ir=Iq= 5kA, Ui= 690V, Uimp= 6kV

Type: EKC1-65

Ue= 415V~(3-poles, 4-poles), AC-3: Ie= 65A; AC-4: Ie=28A; Ith=80A, Ir=Iq= 5kA, Ui= 690V, Uimp= 6kV

Control circuit:

Us= 24/ 48/ 110/ 240/ 415V a.c

Auxiliary circuit: 11 (1NO&1NC)

Ith= 10A, Cat.: AC-15, Ue= 415V, Ie= 0,95A

EKC1-40, EKC1-50 are identical with EKC1-65 except for the lower rating.

EKC1-80, EKC1-95

Main circuit:

Type: EKC1-80

Ue= 415V~(3-poles, 4-poles), AC-3: Ie= 80A; AC-4: Ie=37A; Ith= 100A, Ir=Iq= 5kA, Ui= 690V, Uimp= 6kV

Type: EKC1-95

Ue= 415V~(3-poles, 4-poles), AC-3: Ie= 95A; AC-4: Ie=44A; Ith=125A, Ir=Iq= 5kA, Ui= 690V, Uimp= 6kV

Control circuit:

Us= 24/ 48/ 110/ 240/ 415V a.c

Auxiliary circuit: 11 (1NO&1NC)

Ith= 10A, Cat.: AC-15, Ue= 415V, Ie= 0,95A

EKC1-80 are identical with EKC1-95 except for the lower rating.

Date: 15 November 2018

Signature: 