

# Test Verification of Conformity

Verification Number: 180700564SHA-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:	Zhejiang ETEK Electrical Technology Co., Ltd. No.288 Wei17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China
Manufacturing Site Name & Address:	Changan Group Co., Ltd. No.288 Wei17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China
Product Description:	Low-voltage switchgear and controlgear: Contactors and motor-starters
Ratings & Principle Characteristics:	See appendix
Models/Type References:	EKC1-09, EKC1-12, EKC1-18, EKC1-25, EKC1-32, EKC1-40, EKC1-50, EKC1-65, EKC1-80, EKC1-95
Brand Name(s):	<b>ETEK</b> <sup>®</sup>
Standard(s)/Directive(s):	EN 60947-4-1:2010+A1:2012 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
Test Report Number(s):	180700564SHA-001~008



Signature

Name: Ollver Wei

Position: Manager

Date: 23 November 2018

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 180700564SHA-V1

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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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 180700564SHA-V1

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.

  
Signature

Name: Oliver Wei

Position: Manager

Date: 23 November 2018

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