


Test Verification of Conformity

Verification Number: 2310A0612SHA-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 products 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:	Zhejiang ETEK Electrical Technology Co., Ltd. No.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China
Manufacturing site Name & Address:	Zhejiang ETEK Electrical Technology Co., Ltd. No.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China ETEK Electrical Wuhu Co., Ltd. No.770 Wutun Fast Road, Anhui Xinwu Economic Development Zone, Wanzhi District, Wuhu City, Anhui Province, P.R.China
Product Description:	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)
Ratings & Principle Characteristics:	$U_n = 240V \sim (230V \sim)$, 2P(1P+N), with switched neutral $I_n = 6, 8, 10, 13, 16, 20, 25, 32, 40A$, B-&C-type $I_{\Delta n} = 10, 30, 100, 300mA$, type-A&-AC $I_{\Delta m} = 3000A$, $I_{cs} = I_{cn} = 6000A$ Energy limiting class 3, 50/60Hz Ambient air temperatures: $-25^{\circ}C \sim +55^{\circ}C$
Models/Type References:	EKL17-40
Brand Name(s):	
Standard(s)/Directive(s):	EN 61009-1:2012+A1:2014+A2:2014+A11:2015+A12:2016+A13:2021 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:	From 2023-08-06 to 2024-01-30
Test Report Number(s):	2310A0612SHA-001


Signature

Name: Oliver Wei
Position: Manager
Date: 14 March 2024

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



Ref. Certif. No.

SE-113548

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

CB TEST CERTIFICATE

Product

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)

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

Same as applicant

Name and address of the factory

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

Additional Information on page 2

Ratings and principal characteristics

See page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

EKL17-40

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

Additional Information on page 2

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

IEC 61009-1:2010+A1+A2
IEC 61009-2-2:1991

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

2310A0612SHA-001

This CB Test Certificate is issued by the National Certification Body

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



Date: 12 March, 2024

Signature: Quan Li



Ref. Certif. No.

SE-113548

Factories

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

ETEK Electrical Wuhu Co., Ltd.
No.770 Wutun Fast Road, Anhui Xinwu Economic Development Zone, Wanzhi District, Wuhu City, Anhui Province, P.R.China

Rating and principal characteristics

$U_n = 240V \sim (230V \sim)$, 2P(1P+N), with switched neutral
 $I_n = 6, 8, 10, 13, 16, 20, 25, 32, 40A$, B-&C-type
 $I_{\Delta n} = 10, 30, 100, 300mA$, type-A&-AC
 $I_{\Delta m} = 3000A$, $I_{cs} = I_{cn} = 6000A$
Energy limiting class 3, 50/60Hz
Ambient air temperatures: $-25^{\circ}C \sim +55^{\circ}C$


Date: 12 March, 2024

Signature:

Test Verification of Conformity

Verification Number: 2310A0614SHA-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 regulation(s) listed on this verification at the time the tests were carried out. Other standards and Regulations 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 products relevant  mark regulations 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 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China
Manufacturing site Name & Address:	Zhejiang ETEK Electrical Technology Co., Ltd. No.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China ETEK Electrical Wuhu Co., Ltd. No.770 Wutun Fast Road, Anhui Xinwu Economic Development Zone, Wanzhi District, Wuhu City, Anhui Province, P.R.China
Product Description:	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)
Ratings & Principle Characteristics:	$U_n = 240V \sim (230V \sim)$, 2P(1P+N), with switched neutral $I_n = 6, 8, 10, 13, 16, 20, 25, 32, 40A$, B-&C-type $I_{\Delta n} = 10, 30, 100, 300mA$, type-A&-AC $I_{\Delta m} = 3000A$, $I_{cs} = I_{cn} = 6000A$ Energy limiting class 3, 50/60Hz Ambient air temperatures: $-25^{\circ}C \sim +55^{\circ}C$
Models/Type References:	EKL17-40
Brand Name(s):	
Relevant Standards/Regulations:	BS EN 61009-1:2012+A13:2021 Electrical Equipment (Safety) Regulations 2016
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Date of Tests:	From 2023-08-06 to 2024-01-30
Test Report Number(s):	2310A0612SHA-001


Signature

Name: Oliver Wei
Position: Manager
Date: 14 March 2024

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CERTIFICATE
FOR EUROPEAN PRODUCT SAFETY

Reference No. SE-S-2400248

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)

Type designation:	EKL17-40
Certificate holder:	Zhejiang ETEK Electrical Technology Co., Ltd. No.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou, Zhejiang Province, P.R.China
The product complies with the standard(s):	EN 61009-1:2012+A1+A2+A11+A12+A13
Date of expiry:	12 March, 2029
EU Directive information:	According to the principle of presumption of conformity, this certificate constitutes support for an EU Declaration of Conformity to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix

Certification Body: Intertek Semko AB, Product Certification **Place:** Kista - Stockholm


Signed:  **Date:** 12 March, 2024

Quan Li

APPENDIX:

Reference No. SE-S-2400248

Technical Data:

Type designation	EKL17-40
Rated voltage (V):	AC240(AC230)
Rated current (A):	6, 8, 10, 13, 16, 20, 25, 32, 40
Rated Residual Operating Current (mA):	10, 30, 100, 300
Frequency (Hz)	50/60
Poles No	2P(1P+N)
Test Report	2310A0612SHA-001
Trademark	
Product information	B- & C-Type Type-A & -AC I Δ m= 3000A, Ics= Icn= 6000A Energy limiting class 3, with switched neutral Ambient air temperatures: -25°C ~ +55°C

Manufacturing Sites:

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

ETEK Electrical Wuhu Co., Ltd.
No.770 Wutun Fast Road, Anhui Xinwu Economic Development Zone, Wanzhi
District, Wuhu City, Anhui Province, P.R.China

According to the principle of presumption of conformity, this certificate, which includes production control, constitutes support for an EU Declaration of Conformity to the Low Voltage Directive 2014/35/EU.

This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

Certification Body:

Intertek Semko AB, Product Certification

Place: Kista - Stockholm

Signed:



Date: 12 March, 2024

Quan Li