


# Test Verification of Conformity

## Verification Number: 2308A0720SHA -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  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
Product Description:	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)
Ratings & Principle Characteristics:	Un= 230/240V~(1P+N), 50/60Hz In= 6, 10, 16, 20, 25, 32, 40A, B-&C-type IΔn= 0,01, 0,03, 0,1, 0,3A, type-A&-AC Ics= Icn= 6000A IΔm=2000A, Energy limiting class 3
Models/Type References:	EKL2-40
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:	2023-08-08 to 2023-10-31
Test Report Number(s):	2308A0720SHA-001



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Signature

**Name: Oliver Wei**  
**Position: Manager**  
**Date: 08 December 2023**

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Ref. Certif. No.

**SE-112563**

**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 (RCBO's)

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

Same as applicant

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

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Model / Type Ref.

EKL2-40

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

2308A0720SHA-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: 16 November, 2023

**intertek**

Signature:

Fredrik Wennersten

**Rating and principal characteristics**

$U_n = 230/240V\sim(1P+N)$ , 50/60Hz

$I_n = 6, 10, 16, 20, 25, 32, 40A$ , B-&C-type

$I_{\Delta n} = 0,01, 0,03, 0,1, 0,3A$ , type-A&-AC

$I_{cs} = I_{cn} = 6000A$

$I_{\Delta m} = 500A$ (for IEC61009),  $I_{\Delta m} = 2000A$ (for F2 of EN61009), Energy limiting class 3

**Additional information**

The product fulfils the requirements of  
EN 61009-1:2012+A1+A2+A11+A12+A13 and  
AS/NZS 61009.1:2015

Date: 16 November, 2023

Signature:



  
Intertek **CERTIFICATE**  
**FOR EUROPEAN PRODUCT SAFETY**

Reference No. SE-S-2301195

# Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's)

**Type designation:** EKL2-40

**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:** 16 November, 2028

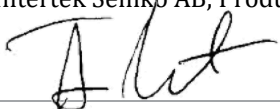
**EU Directive information:** According to the principle of presumption of conformity, this certificate constitutes support for an EU Declaration of Conformity to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix

**Certification Body:** Intertek Semko AB, Product Certification

**Place:** Kista - Stockholm

**Signed:**




**Date:** 16 November, 2023

Fredrik Wennersten

## APPENDIX:

Reference No. SE-S-2301195

### Technical Data:

Type designation	EKL2-40
Rated voltage (V)	Un= 230/240V~(1P+N)
Rated current (A)	6, 10, 16, 20, 25, 32, 40A
Rated Residual Operating Current (mA)	10, 30,100, 300mA
Frequency (Hz)	50/60
IP-Class	20
Poles No.	1P+N with one overcurrent protected pole and uninterrupted neutral (two current paths)
Trademark	
Test Report	2308A0720SHA-001
Product information	type-A&-AC, B-&C-type Icn= Ics= 6000A, Energy limiting class: 3 IΔm= 2000A

### Manufacturing Sites:

ZHEJIANG ETEK Electrical Technology Co., Ltd.  
No. 288 Wei 17th Road, Yueqing Economic Development Zone,  
Yueqing, Wenzhou, Zhejiang 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:

  
Fredrik Wennersten

Date: 16 November, 2023