

CERTIFICATE

of Conformity

Electrical Equipment (Safety) Regulations 2016

(UK SI 2016 No. 1101)

Registration Nr.: AQ 50598468 0001
Report Nr.: 60437081 005

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

Product: Residual Current Operated circuit-breakers (*Type B RCCB*)

Test standard: EN 62423:2012+A11+A12

Identification: Type designation: EKL6-100B (ETEK)
 Serial No. : Engineering Sample
 Test Standard : Compliance with
 BS EN 62423:2012+A12;
 Remark : Issued in conjunction with LVD CE
 License AN 50598438 001.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product, technical report and documentation. This certificate does not imply the assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date: 2023-09-28

Wencai Zhang

Wencai Zhang



The UKCA mark may be used, if all relevant UK Legislations and the UK Declaration of Conformity has been completed.



TUV Rheinland UK Ltd.

Friars Gate (Third Floor), 1011 Stratford Road, Shirley, Solihull, B90 4BN



Ref. Certif. No.

HU-003322-M1

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

CB TEST CERTIFICATE

Product	Type B RCCB
Name and address of the applicant	Zhejiang ETEK Electrical Technology Co.,Ltd. NO.288 Wei 17th Road, Yueqing Economic Development Zone,, Yueqing, Wenzhou, Zhejiang, P.R. China
Name and address of the manufacturer	Zhejiang ETEK Electrical Technology Co.,Ltd. NO.288 Wei 17th Road, Yueqing Economic Development Zone,, Yueqing, Wenzhou, Zhejiang, P.R. China
Name and address of the factory	Zhejiang ETEK Electrical Technology Co.,Ltd. NO.288 Wei 17th Road, Yueqing Economic Development Zone,, Yueqing, Wenzhou, Zhejiang, P.R. China
Ratings and principal characteristics	Un=110,230/240V~(2P, 1P+N); 240,400/415V~(4P, 3P+N); 50/60Hz In=16/25/32/40/63/80/100A; Type B; IΔn=30/100/300mA, Im=IΔm=500A or 10In IΔc=Inc=10,0kA, Ui=500V; Uimp=4kV; -25 to +40 °C
Trademark (if any)	ETEK
Customer's Testing Facility (CTF) Stage used	N/A
Model / Type Ref.	EKL6-100B
Additional information (if necessary may also be reported on page 2)	This Certificate is Modification No.1 to CBTC ref. No. HU-003322, dated on 2021-02-20, and is issued due to adding electrical data.
A sample of the product was tested and found to be in conformity with	IEC 62423:2009 IEC 61008-1:2010+A1+A2 IEC 61008-2-1:1990 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	60437083 002

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web:www.tuv.com

Date: 2023-08-31

Signature: Wencai Zhang

Zertifikat

Certificate

Zertifikat Nr. Certificate No. R 50598435
Blatt Sheet 0001

Ihr Zeichen Client Reference Q.J.B.
Unser Zeichen Our Reference 01-DY-60437081 004
Ausstellungsdatum Date of Issue 28.09.2023
(day/mo/yr)

Genehmigungsinhaber License Holder	Fertigungsstätte Manufacturing Plant
Zhejiang ETEK Electrical Technology Co.,Ltd. NO.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou Zhejiang P.R. China	Zhejiang ETEK Electrical Technology Co.,Ltd. NO.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou Zhejiang P.R. China

Prüfzeichen Test Mark **Geprüft nach Tested acc. to**
 EN 62423:2012+A11+A12



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111273501

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Residual Current Operated circuit-breakers (Type B RCCB)

Type Designation	: EKL6-100B	8
With/Without Integral OC Protection:	: Without (RCCB)	
Type of RCCB	: Type B	
Time-delay	: General type	
Number of Poles	: 1) 2P (1P+N); 2) 4P (3P+N)	
Rated Operational Voltage (Ue)	: 1) 230/240V, AC 50/60Hz 1) 110V, AC 50/60Hz 2) 400/415V, AC 50/60Hz 2) 240V, AC 50/60Hz	
Rated Current (In)	: 16/25/32/40/63/80/100A	
Residual Operating Current (IΔn)	: 30/100/300mA	
Rated DC Residual Operating Current (IΔdc)*	: 6mA	
Making and Breaking Capacity (Im)	: 500A or 10In	
Rated Residual Making and Breaking Capacity (IΔm)	: 500A or 10In	
Rated Conditional Short-circuit Current (Inc)	: 10kA	
Rated Conditional Residual Short-circuit Current (IΔc)	: 10kA	

Continued to page 0002

ANLAGE (Appendix): 1

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
 This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com
 Fax: +49 221 806-3935

Zertifizierungsstelle



Wencai Zhang

Zertifikat

Certificate

Zertifikat Nr. Certificate No. R 50598435
Blatt Sheet 0002

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum Date of Issue	Date of Issue
Q.J.B.	01-DY-60437081 004	28.09.2023	(day/mo/yr)

Genehmigungsinhaber License Holder	Fertigungsstätte Manufacturing Plant
Zhejiang ETEK Electrical Technology Co.,Ltd. NO.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou Zhejiang P.R. China	Zhejiang ETEK Electrical Technology Co.,Ltd. NO.288 Wei 17th Road, Yueqing Economic Development Zone, Yueqing, Wenzhou Zhejiang P.R. China

Prüfzeichen Test Mark **Geprüft nach Tested acc. to**
 EN 62423:2012+A11+A12



Type Approved
 Safety
 Regular Production
 Surveillance

www.tuv.com
 ID 1111273501

Zertifiziertes Produkt (Geräteidentifikation) **Lizenzentgelte - Einheit**
Certified Product (Product Identification) **License Fee - Unit**

Residual Current Operated circuit-breakers (Type B RCCB)

Continuation from page 0001

Ambient Air Temperature : -25°C to +40°C
 Rated Insulation Voltage (Ui) : AC 500V
 Impulse Withstand Voltage (Uimp) : 4,0kV
 Suitability of Isolation : Yes
 Remark :
 This type of RCCB is also the protective device for 6 mA DC.
 * The relevant tests about character of 6 mA DC were done according to IEC 62955: 2018.
 * The rating 6mA DC is only for In:16A to 63A.

ANLAGE (Appendix): 1

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
 This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.*

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
 Fax: +49 221 806-3935



Zhejiang ETEK Electrical Technology
Co.,Ltd.
Qi Jibin

Date : 28.09.2023
Our ref. : DY 01
Your ref.: Q.J.B.

NO.288 Wei 17th Road,
Yueqing Economic Development Zone,
Yueqing, Wenzhou
Zhejiang
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : Type B RCCB
Model Designation : See Certificate
Certificate No. : R 50598435 0001
Report No. : 60437081 004

Dear Qi Jibin,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body



Wencai Zhang

cc: Zhejiang ETEK Electrical Technology

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50598438 0001

Report No.: 60437081 004

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

Product: Residual Current Operated circuit-breakers
(Type B RCCB)

Identification: Type Designation: EKL6-100B

Serial No. : Engineering samples

Remark: Issued in conjunction with TÜV Rheinland license
R 50598435 0001-0002.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body



Date 28.09.2023

Wencai Zhang

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Zhejiang ETEK Electrical Technology
Co.,Ltd.
Qi Jibin

Date : 28.09.2023
Our ref. : DY 01
Your ref.: Q.J.B.

NO.288 Wei 17th Road,
Yueqing Economic Development Zone,
Yueqing, Wenzhou
Zhejiang
P.R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Type B RCCB
Model Designation : See Certificate
Certificate No. : AN 50598438 0001
Report No. : 60437081 004

Dear Qi Jibin,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



Wencai Zhang

CC: Zhejiang ETEK Electrical Technology

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询