

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50487520

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
Q.J.B.

Unser Zeichen *Our Reference*
01-DY-60437081 001

Ausstellungsdatum *Date of Issue*
07.02.2021 (day/mo/yr)

Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

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

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111232664

Geprüft nach *Tested acc. to*
EN 62423:2012

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 2) 400/415V, AC 50/60Hz	
Rated Current (In)	: 16/25/32/40/63/80/100A	
Residual Operating Current (I _{Δn})	: 30/100/300mA	
Rated DC Residual Operating Current (I _{Δdc})*	: 6mA	
Making and Breaking Capacity (I _m)	: 500A or 10In	
Rated Residual Making and Breaking Capacity (I _{Δm})	: 500A or 10In	
Rated Conditional Short-circuit Current (I _{nc})	: 10kA	
Rated Conditional Residual Short-circuit Current (I _{Δc})	: 10kA	
Continued to page 0002		

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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety



Kenny Shi

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50487520

Blatt Sheet
0002

Ihr Zeichen Client Reference
Q.J.B.

Unser Zeichen Our Reference
01-DY-60437081 001

Ausstellungsdatum Date of Issue
07.02.2021 (day/mo/yr)

Genehmigungsinhaber License Holder

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

Fertigungsstätte Manufacturing Plant

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

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
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

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Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Kenny Shi

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50487529 0001

Report No.: 60437081 001

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 50487520 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.

Date 07.02.2021

Certification Body

Kenny Shi

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE