

# CERTIFICATE



## of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50599941 0001

Report No.: 15082499 002

Holder: Yueqing Langir Electric Co., Ltd.  
2F, NO.10 LONGHE EAST RD,  
LIUSHI, YUEQING,  
325604 Zhejiang  
P.R. China

Product: Circuit Breaker  
(DC Circuit Breaker)

Identification: Type Designation: JB (Langir)  
Serial No. : Engineering sample

Remark: Issued in conjunction with TÜV Rheinland license  
R 50599940 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 04.09.2023



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

# Zertifikat

# Certificate



Zertifikat Nr. Certificate No.  
R 50599940

Blatt Sheet  
0001

Ihr Zeichen Client Reference  
X.C.

Unser Zeichen Our Reference  
01-WTH-15082499 002

Ausstellungsdatum Date of Issue  
04.09.2023 (day/mo/yr)

**Genehmigungsinhaber License Holder**

Yueqing Langir Electric Co., Ltd.  
2F, NO.10 LONGHE EAST RD,  
LIUSHI, YUEQING,  
325604 Zhejiang  
P.R. China

**Fertigungsstätte Manufacturing Plant**

Yueqing Langir Electric Co., Ltd.  
2F, NO.10 LONGHE EAST RD,  
LIUSHI, YUEQING,  
325604 Zhejiang  
P.R. China

**Prüfzeichen Test Mark**



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111274033

Geprüft nach Tested acc. to  
EN 60947-2:2017+A1

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

Circuit Breaker (DC Circuit Breaker)

Type Designation : JB (Langir) 8

Intended for Use : DC and Photovoltaic(PV) systems

Selectivity Category : A

Number of Poles : 1) 1P appearance 2) 2P appearance  
3) 3P appearance 4) 4P appearance

Rated Operation Voltage (Ue) : 1) DC 250V 2) DC 500V  
3) DC 750V 4) DC 1000V

Rated Current (In) : 1/2/3/4/6/10/16/20/25/32/40/50/  
63A

Rated Service Short-circuit  
Breaking Capacity (Ics) : 10kA

Rated Ultimate Short-circuit  
Breaking Capacity (Icu) : 10kA

Conventional Free Air  
Thermal Current (Ith) : Same as In

Rated Insulation Voltage : Same as Ue

Continued on page 0002

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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



Wencai Zhang

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50599940

Blatt *Sheet*  
0002

Ihr Zeichen *Client Reference*  
X.C.

Unser Zeichen *Our Reference*  
01-WTH-15082499 002

Ausstellungsdatum *Date of Issue*  
04.09.2023  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Yueqing Langir Electric Co., Ltd.  
2F, NO.10 LONGHE EAST RD,  
LIUSHI, YUEQING,  
325604 Zhejiang  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Yueqing Langir Electric Co., Ltd.  
2F, NO.10 LONGHE EAST RD,  
LIUSHI, YUEQING,  
325604 Zhejiang  
P.R. China

## Prüfzeichen *Test Mark*



Type Approved  
Safety  
Regular Production  
Surveillance

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ID 1111274033

Geprüft nach *Tested acc. to*  
EN 60947-2:2017+A1

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

Circuit Breaker (DC Circuit Breaker)

Continuation from page 0001

Rated Impulse Withstand  
Voltage (Uimp) : 1) 4,0kV; 2) 6,0kV; 3) 4) 8,0kV  
Rated Instantaneous  
Short-circuit Current (Ii) : 5,5In (C); 8,5In (D); 14In (K)  
Suitability for Isolation : Yes  
Pollution Degree : 3

ANLAGE (Appendix) : 1

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**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

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



Wencai Zhang

Yueqing Langir Electric Co., Ltd.  
Mr. Xiong Chun  
GM office  
2F, NO.10 LONGHE EAST RD,  
LIUSHI, YUEQING,  
325604 Zhejiang  
P.R. China

Date : 04.09.2023  
Our ref. : WTH 01  
Your ref.: X.C.

**Ref : R TÜV-Mark Approval**

Type of Equipment : DC Circuit Breaker  
Model Designation : See Certificate  
Certificate No. : R 50599940 0001  
Report No. : 15082499 002

Dear Mr. Xiong Chun,

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

Please contact our office for approval of your new products.

With kind regards,

Certification Body

Wencai Zhang

cc: Yueqing Langir Electric Co., Ltd.

Enclosure

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

Yueqing Langir Electric Co., Ltd.  
Mr. Xiong Chun  
GM office  
2F, NO.10 LONGHE EAST RD,  
LIUSHI, YUEQING,  
325604 Zhejiang  
P.R. China

Date : 04.09.2023  
Our ref. : WTH 01  
Your ref.: X.C.

**Ref : AN Certificate of Conf. Low Voltage D.**

Type of Equipment : DC Circuit Breaker  
Model Designation : See Certificate  
Certificate No. : AN 50599941 0001  
Report No. : 15082499 002

Dear Mr. Xiong Chun,

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: Yueqing Langir Electric Co., Ltd.

Enclosure

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