

DECLARATION OF CONFORMITY

Applicant: ProJoy Electric Co., Ltd.

Address of applicant: No. 2266, Taiyang Road, Xiangcheng District, Suzhou, China

Manufacturer: Jiangsu Projoy Electric Co., LTD
No. 2266, Taiyang Road, Xiangcheng District, Suzhou, China

Product Description: DC miniature circuit breaker

Model No.: PEBS-L, PEBS-H, PEBS-S

Rating: See annex

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: BS EN 60947-2:2017+A1:2020

As shown in the

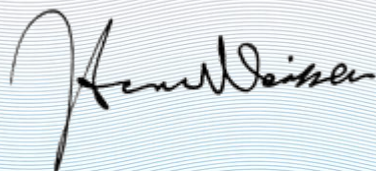
Test Report Number(s): TLJS22110742262

Date of issue: November 22, 2022

Date of expiry: November 21, 2027

This declaration applies to all specimens manufactured identical to the model submitted for testing/evaluation, in reference to the above listed standard(s) and the Electrical Equipment (Safety) Regulations 2016. The UK Conformity Assessed marking can be affixed on the product(s) accordingly to the Great Britain regulation about its release and its use. This declaration doesn't imply assessment of the production of the product(s). The UK Conformity Assessed marking shown below can only be used under the responsibility of the manufacturer with the completion of declaration of conformity for all the relevant Directives. Shanghai Global Testing Services Co., Ltd hereby acknowledges that the manufacturer that issued a DOC may apply the UKCA marking in accordance with United Kingdom Union Rules.

Approved by: Hermann Weiher



For and on behalf of
Global Testing Services Co., Ltd



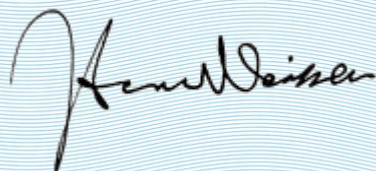
Global Testing Services Co., Ltd
E-mail: info@gts-lab.com <http://www.gts-lab.com>
Floor 2nd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.

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DECLARATION OF CONFORMITY

PEBS-L-63, PEBS-L-125 Reference Temperature: +30°C Utilization Category: A Number of Poles: 1P/2P Appearance Rated Operation Voltage (U_e): DC 80/160V (1/2P) Rated Current (I_n): 10A/16A/20A/25A/32A/40A/50A/63A/80A/100A/125A Instantaneous Tripping Curve : I_i=8I_n(for C-type); I_i=4I_n(for B-type) Rated Ultimate Short-circuit Breaking Capacity (I_{cu}) : 10kA Rated Service Short-circuit Breaking Capacity (I_{cs}) : 7.5kA Rated Impulse Withstand Voltage (U_{imp}): 6.0kV Rated Insulation Voltage (U_i) : 500V Suitability for Isolation : Yes Polarity : No polarity Pollution Degree : 3	PEBS-H-63, PEBS-H-125 Reference Temperature: +30°C Utilization Category: A Number of Poles: 1P/2P/3P/4P Appearance Rated Operation Voltage (U_e): DC 300/600V/900V/1000V (1/2/3/4P) Rated Current (I_n): 10A/16A/20A/25A/32A/40A/50A/63A/80A/100A/125A Instantaneous Tripping Curve : I_i=8I_n(for C-type); I_i=4I_n(for B-type) Rated Ultimate Short-circuit Breaking Capacity (I_{cu}) : 6kA Rated Service Short-circuit Breaking Capacity (I_{cs}) : 6kA Rated Impulse Withstand Voltage (U_{imp}): 6.0kV Rated Insulation Voltage (U_i) : 1000V Suitability for Isolation : Yes Polarity : No polarity Pollution Degree : 3
PEBS-S-80 Reference Temperature: +30°C Utilization Category: A Number of Poles: 2P/3P/4P Appearance Rated Operation Voltage (U_e): DC 500/750V/1000V (2/3/4P) Rated Current (I_n): 16A/20A/25A/32A/40A/50A/63A/80A Instantaneous Tripping Curve : I_i=8I_n(for C-type); I_i=4I_n(for B-type) Rated Ultimate Short-circuit Breaking Capacity (I_{cu}) : 10kA Rated Service Short-circuit Breaking Capacity (I_{cs}) : 6kA Rated Impulse Withstand Voltage (U_{imp}): 6.0kV Rated Insulation Voltage (U_i) : 1000V Suitability for Isolation : Yes Polarity : No polarity Pollution Degree : 3	

Approved by: Hermann Weiher



For and on behalf of
Global Testing Services Co., Ltd

Global Testing Services Co., Ltd

E-mail: info@gts-lab.com http://www.gts-lab.com

Floor 2nd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.

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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50426350

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
T. Z.

Unser Zeichen *Our Reference*
01-ZWC-50212934 001

Ausstellungsdatum *Date of Issue*
09.01.2019 (day/mo/yr)

Genehmigungsinhaber *License Holder*
ProJoy Electric Co., Ltd.
XinTang Industrial Zone,
North-city Street,
PingJiang District,
Suzhou 215000
P. R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



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 Miniature Circuit Breaker)

Type Designation	: PEBS-L (PROJOY)	8
Reference Temperature	: +30°C	
Utilization Category	: A	
Number of Poles	: 1P/2P Appearance	
Rated Operation Voltage (Ue)	: DC 80/160V (1/2P)	
Rated Current (In)	: 10/16/20/25/32/40/50/63/ 80/100/125A	
Instantaneous Tripping Curve:	Ii=8In(for C-type); Ii=4In(for B-type)	
Rated Ultimate Short-circuit Breaking Capacity (Icu)	: 10 kA	
Rated Service Short-circuit Breaking Capacity (Ics)	: 7,5 kA	
Rated Impulse Withstand Voltage (Uimp)	: 6,0kV	
Rated Insulation Voltage(Ui)	: 500V	
Suitability for Isolation	: Yes	
Polarity	: No polarity	
Pollution Degree	: 3	

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



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50426350

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
C.H.H.

Unser Zeichen *Our Reference*
01-Shineilshi-50212934

Ausstellungsdatum *Date of Issue*
003 06.12.2022 (day/mo/yr)

Genehmigungsinhaber *License Holder*
ProJoy Electric Co., Ltd.
XinTang Industrial Zone,
North-city Street,
PingJiang District
Suzhou
215000 Jiangsu
P.R. China

Fertigungsstätte *Manufacturing Plant*
Xiamen Hfl Electronic Co., Ltd.
No. 7, West Fangzhi Road,
Jimei District, Xiamen
Fujian
P.R. China

Prüfzeichen *Test Mark*



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 Miniature Circuit Breaker)

as page 0001

Change

Test Requirement : See above

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

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50563543 0001

Report No.: 50212934 003

Holder: ProJoy Electric Co., Ltd.
XinTang Industrial Zone,
North-city Street,
PingJiang District
Suzhou
215000 Jiangsu
P.R. China

Product: Circuit Breaker
(DC Miniature Circuit Breaker)

Identification: Type Designation: PEBS-L (PROJOY)

Serial No. : Engineering sample

Remark: Issued in conjunction with TÜV Rheinland license
R 50426350 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 06.12.2022



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**