

DC FUSE

DC 1100V





CERTIFICATE

ATTESTATION CERTIFICATE OF ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed and audit has been completed successfully.

2014/35/EU Electromagnetic Compatibility Directive and
2014/35/EU Low Voltage Directives have been taken as references for these processes

Company Name : **Suntree Electric Group Co., Ltd.**

Company Address : **Xinguang Industrial Zone, Liushi Town, Yueqing City, Zhejiang 325604, P.R.China**

Related Directives and Annex : **2014/35/EU Low Voltage Directive
2014/30/EU Electromagnetic Compatibility Directive**

Related Standards : **EN 60947-1:2007+A1:2011+A2:2014; EN 60947-3:2009/A2:2015
EN 60269-1:2007/A2:2014; EN 60269-6:2011**

Product Name : **Fuse Link Fuse Holder**

Report No and Date : **20ZCTS0622004SP, 20ZCTS0622003SP**

Product Brand/Model/Type : **SRF-30, SRD-30**

Certificate Number : **M.2020.206.C7405**

Initial Assessment Date : **29.06.2020**

Registration Date : **30.06.2020**

Reissue Date/No : **-**

Expiry Date : **29.06.2025**

The validity of the certificate can be checked through www.udem.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be notified in case of any changes on the product(s).

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CERTIFICATE

of Conformity Low Voltage Directive 2014/35/EU

Registration No.: **AN 50461255 0001**

Report No.: **50350053 001**

Holder: **Suntree Electric Group Co., Ltd.
Xinguang Industrial Zone,
Liushi Town, Yueqing City,
Zhejiang 325604
P. R. China**

Product: **Fuse Holder
(Fuse-disconnector)**

Identification:

Type Designation	: CH-30, SRD-30
Serial number	: Engineering samples
Utilization Category	: DC-PV0
Rated Operational Voltage (Ue)	: DC 1100V
Rated Operational Current (Ie)	: 1-30A
Conventional Free Air Thermal Current (Ith)	: 30A

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


Zhao Xinhua

Date **16.03.2020**

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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



Zertifikat

Certificate

Zertifikat Nr. Certificate No. **R 50461253** Blatt Sheet **0001**

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum	Date of Issue
L.M.	01-Wuchale-50350053	001 16.03.2020	(day/mo/yr)

Genehmigungsinhaber License Holder
Suntree Electric Group Co., Ltd.
Xinguang Industrial Zone,
Liushi Town, Yueqing City,
Zhejiang 325604
P. R. China

Fertigungsstätte Manufacturing Plant
Suntree Electric Group Co., Ltd.
Xinguang Industrial Zone,
Liushi Town, Yueqing City,
Zhejiang 325604
P. R. China

Prüfzeichen Test Mark  Geprüft nach Tested acc. to
EN 60947-3:2009+A1+A2

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Fuse Holder (Fuse-disconnector)

Type Designation	: CH-30, SRD-30	Lizenzentgelte - Einheit	
Trade mark	: Suntree (logo)	License Fee - Unit	
Utilization Category	: DC-PV0		
Number of Pole	: 1 pole		
Rated Operational Voltage (Ue)	: DC 1100V		
Rated Operational Current (Ie)	: 1-30A		
Rated Insulation Voltage (Ui)	: 1200V		
Rated Impulse Withstand Voltage (Uimp)	: 6kV		
Conventional Free Air Thermal Current (Ith)	: 30A		
Rated Conditional Short-circuit Current	: 30kA		
Pollution Degree	: 3		

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es besagt die Konformität des Produktes mit den oben genannten Standards und Prüfbedingungen. Zusätzliche Lieferbedingungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich beachtet 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.

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Zhao Xinhua

Zertifizierungsstelle



960°C flame retardant test

The flame can be extinguished by itself within 30 seconds after high-temperature combustion, no molten liquid will drip from the product, and the cotton wool 30 cm below the product will not be ignited. It belongs to the **V0** fire protection class.

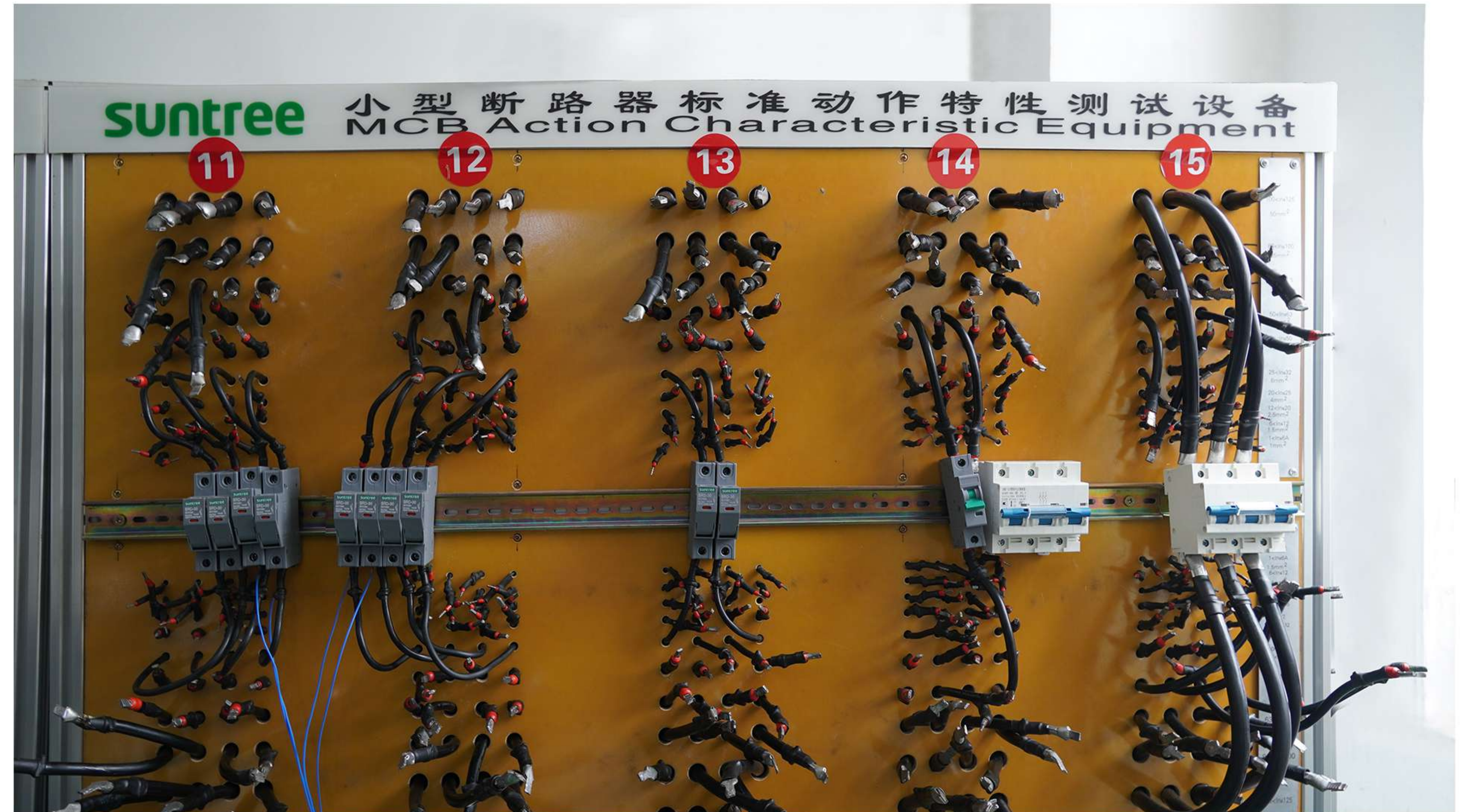




Place the product in the test box for 48 hours, set a high temperature of **85°C**, a humidity of 95%, and a low temperature of **-30°C** to simulate whether the extreme environment affects the product.



The standard long delay characteristic test mainly tests overload.
The switch cannot be turned off within 1 hour, and must be turned off after 1 hour.



The temperature rise test is one of the important tests to ensure the safety and stability of the product.
The ambient temperature is required to be between -10 and 40°, and the terminal temperature-ambient temperature is less than 65K.



Through 28 days of actual simulation test, verify the reliability of the long-term operation of the fuse.

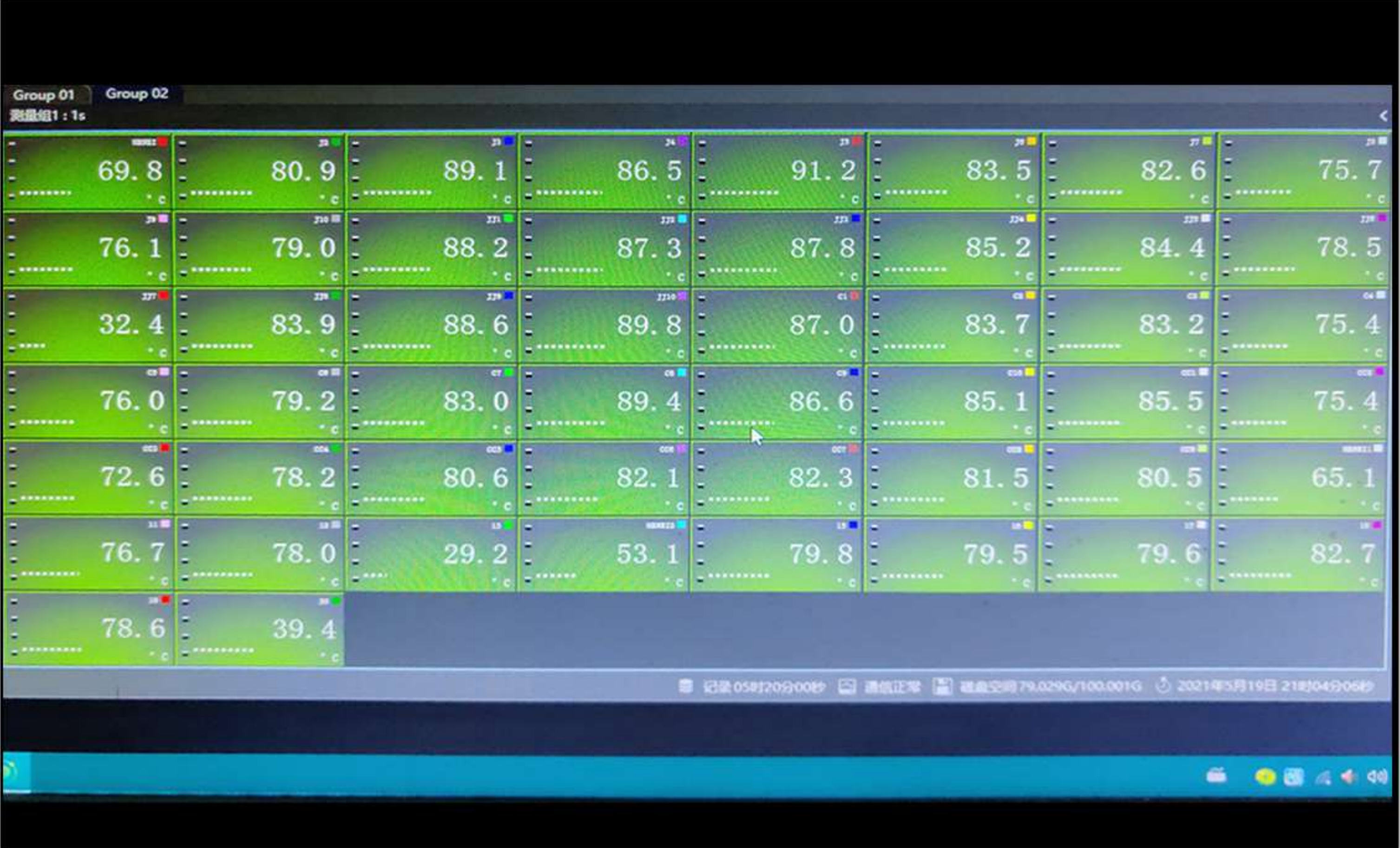
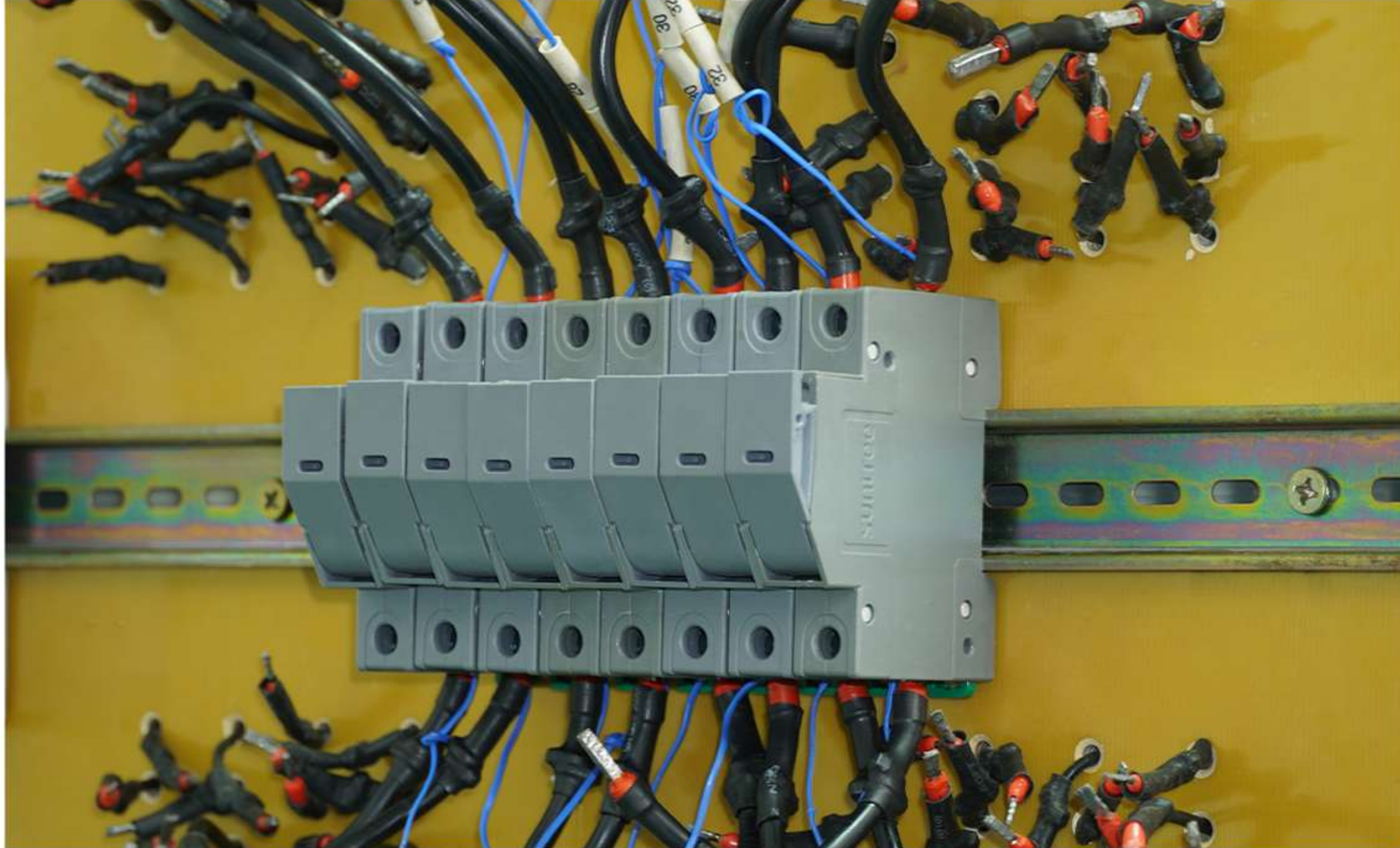
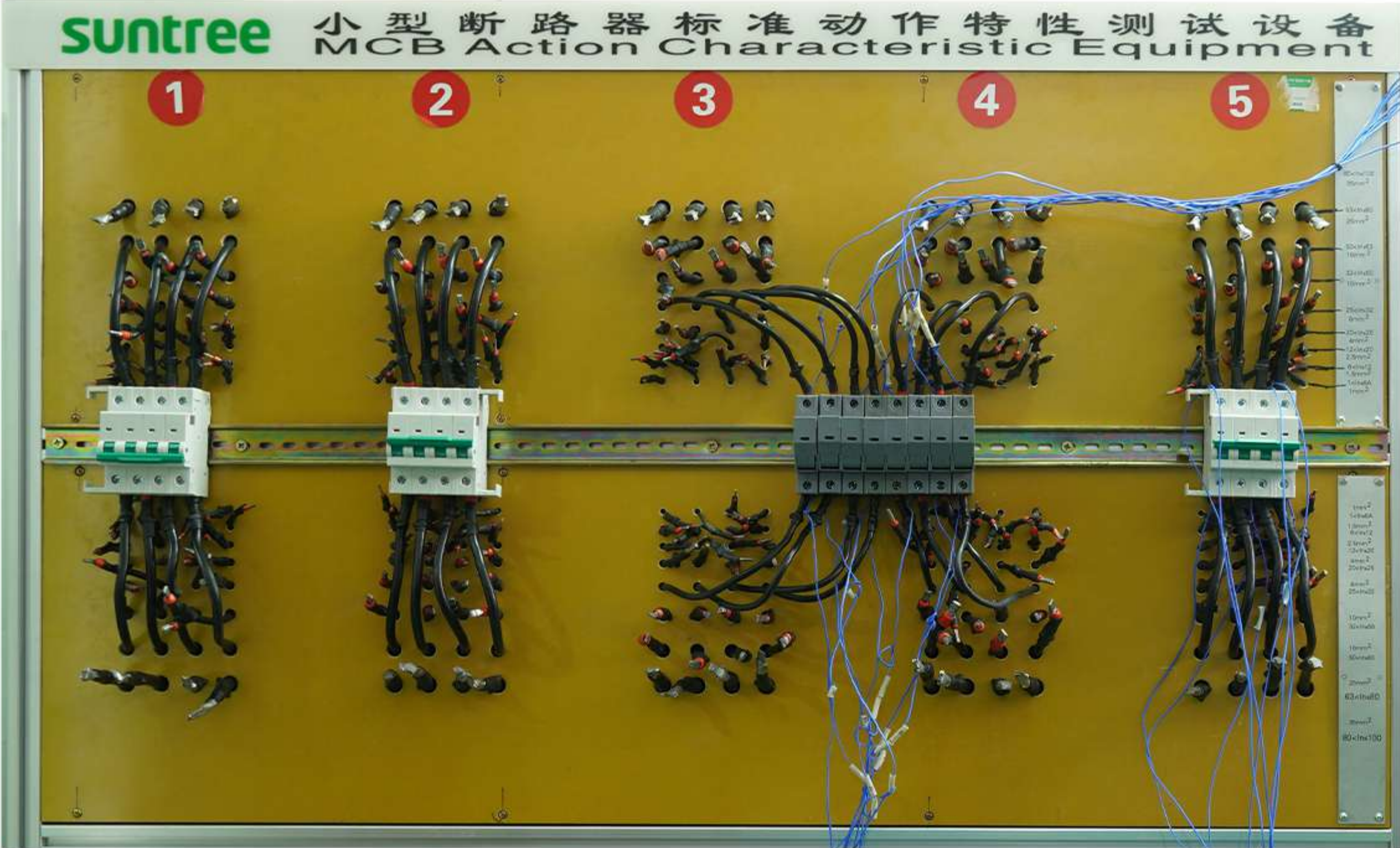


shockproof

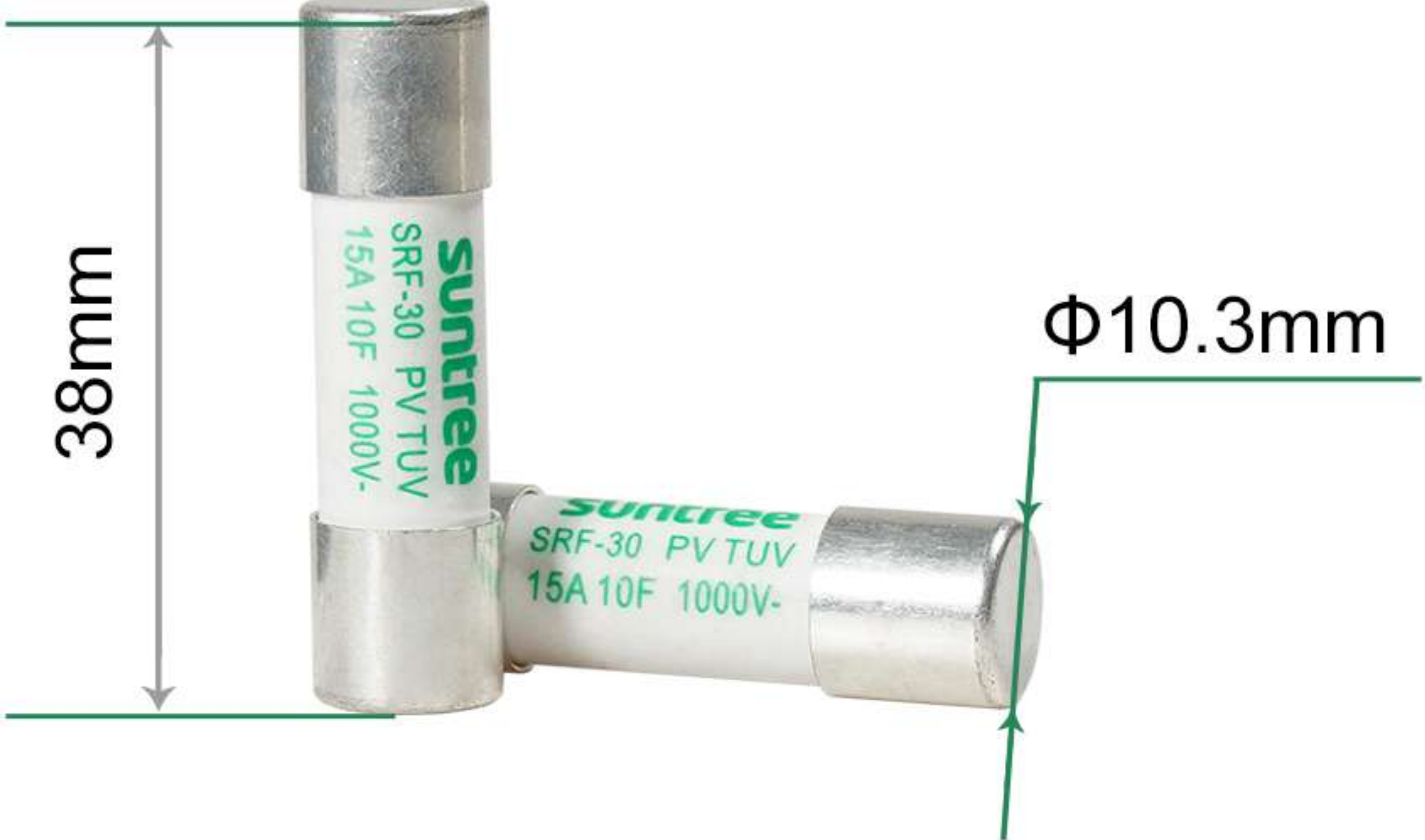
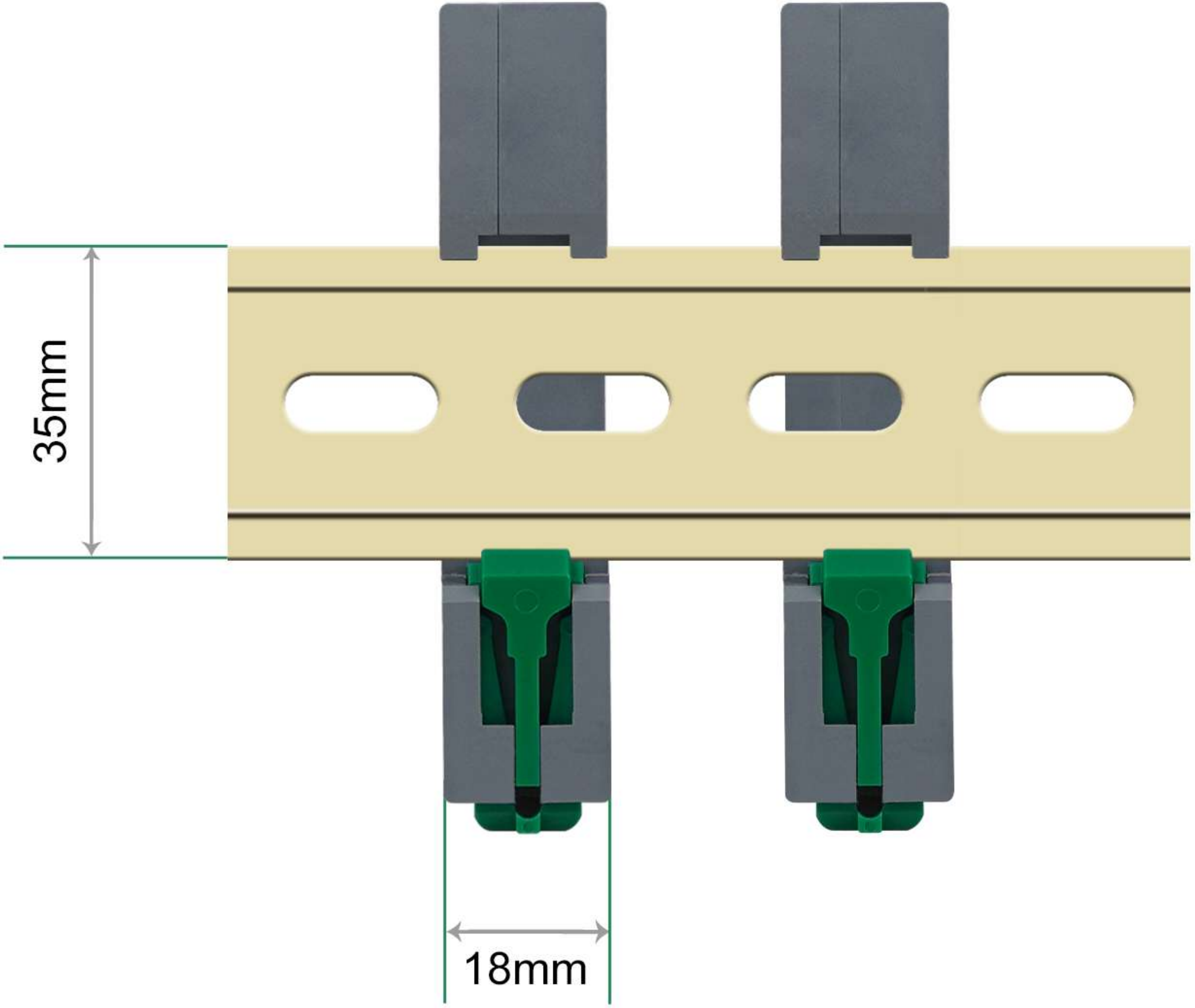
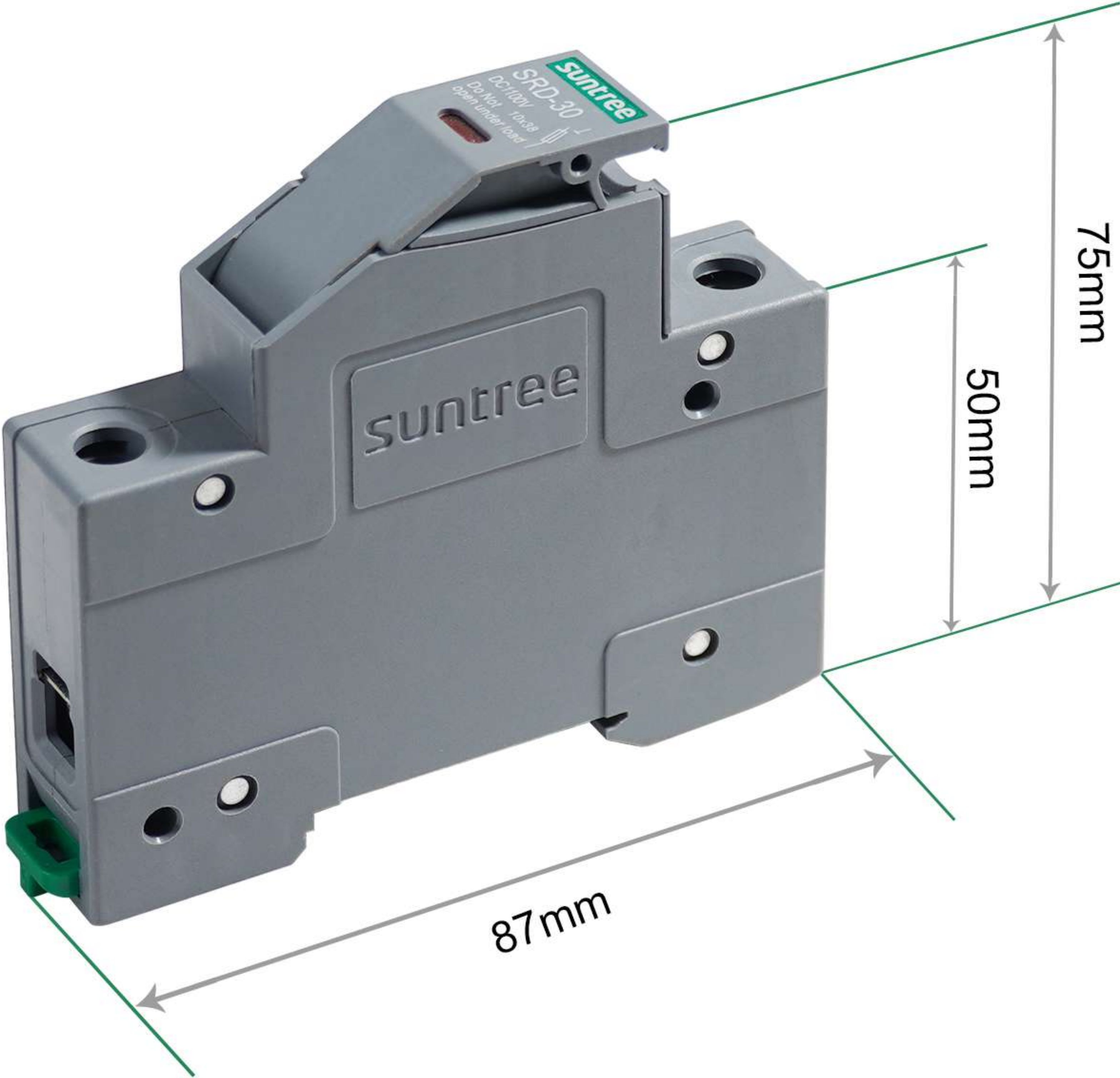


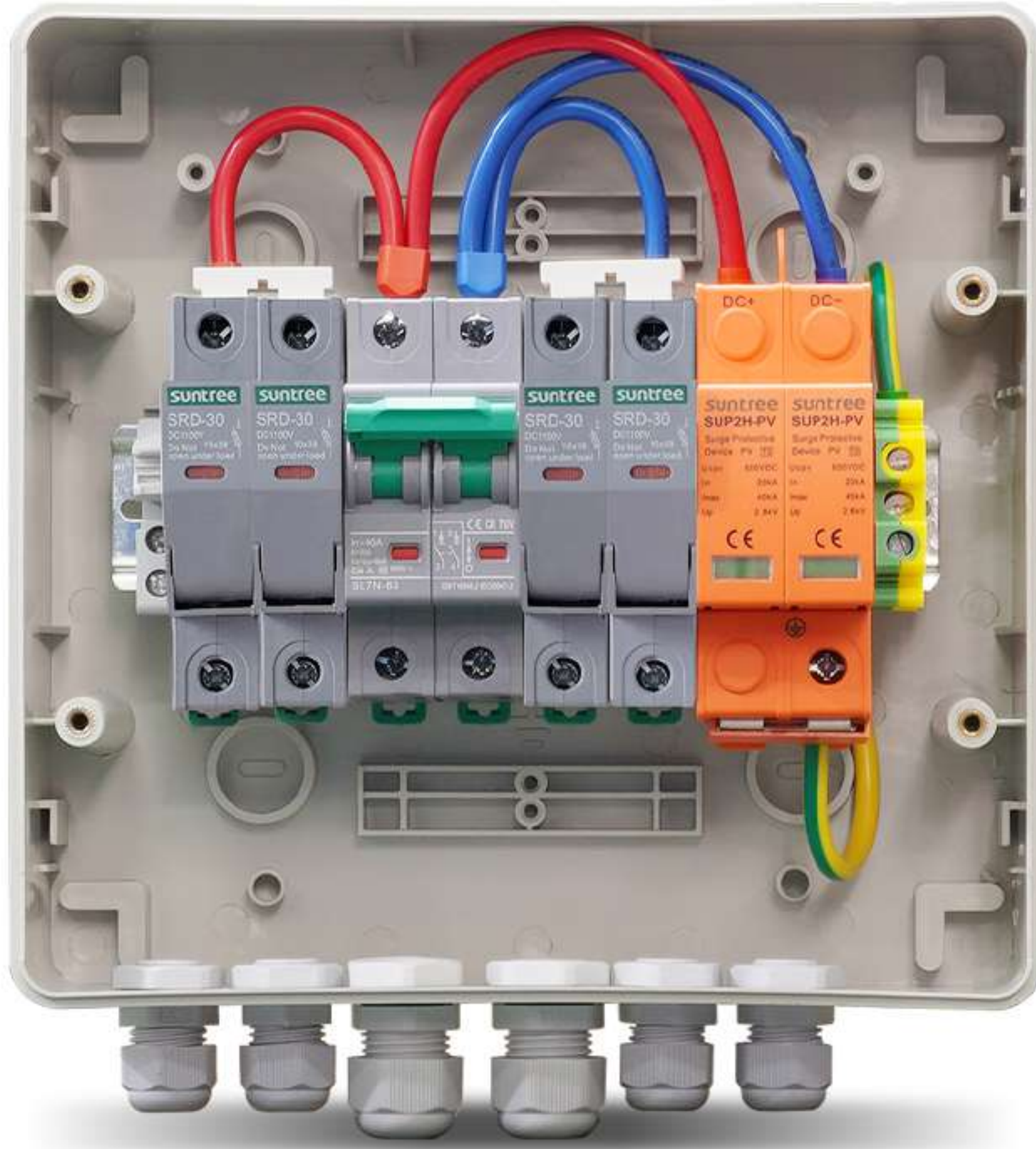
Anti-fall

Prevent product damage in transit.

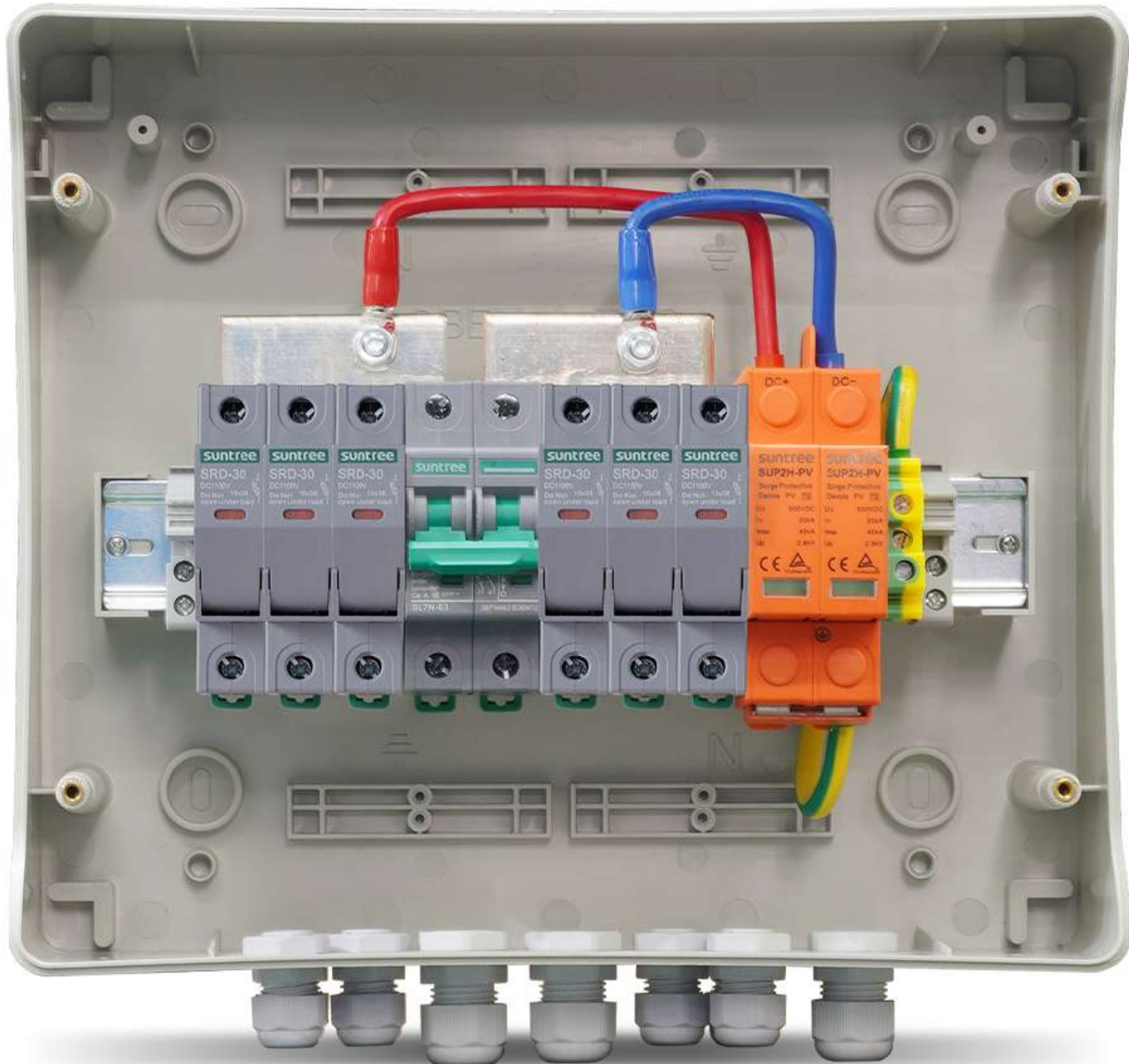


At 25°C, SRD-30 fuse 32A melt core is subjected to 25A temperature rise test, which is one of the important tests to ensure product safety and stability.

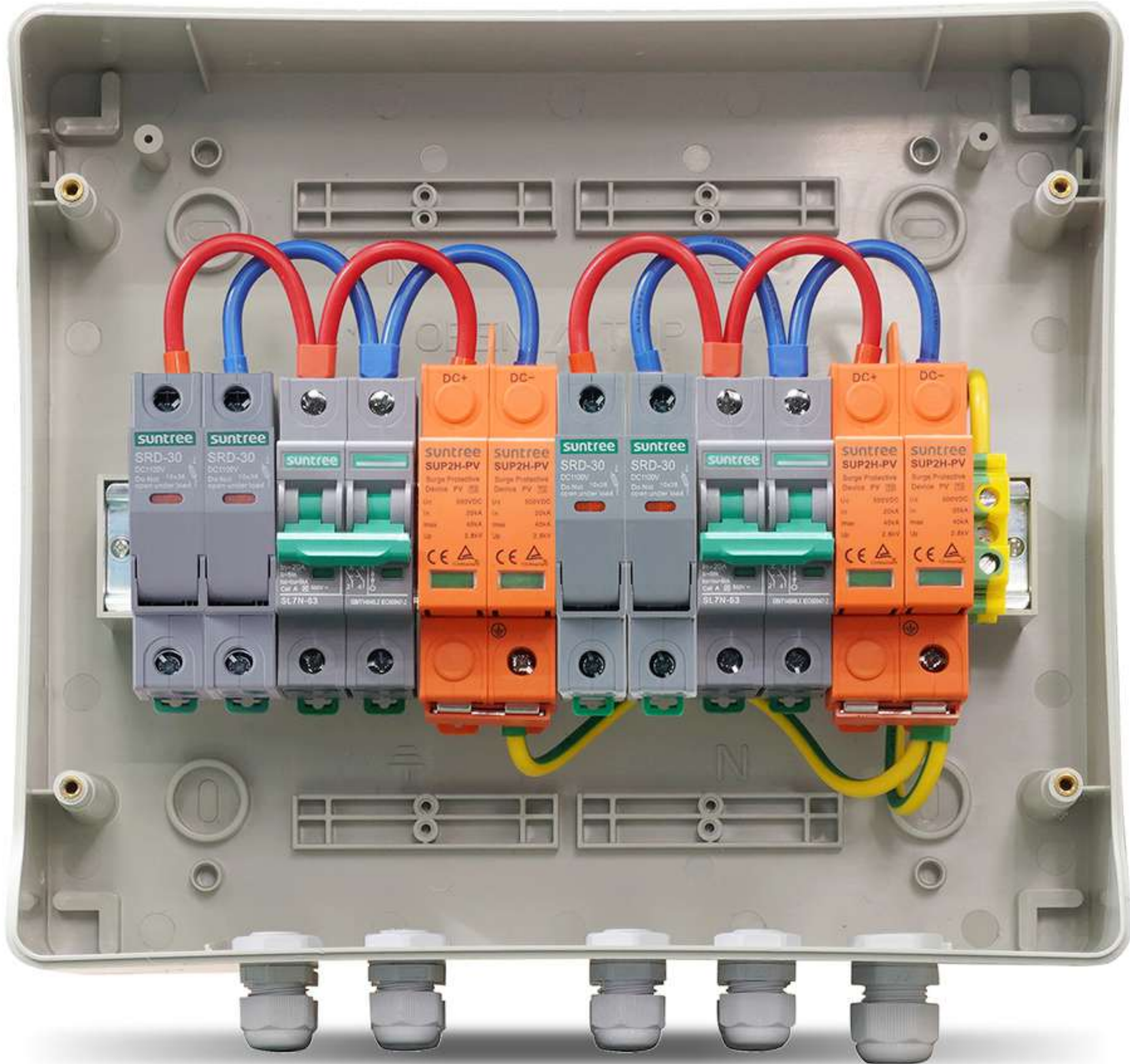




DC COMBINER BOX
TWO IN AND ONE OUT
4*DC FUSE+1*DC MCB+1*DC SPD



DC COMBINER BOX
THREE IN AND ONE OUT
6*DC FUSE+1*DC MCB+1*DC SPD



DC COMBINER BOX
TWO IN TWO OUT
4*DC FUSE+2*DC MCB+2*DC SPD



WEIGHT REFERENCE	
Product model	SPD-30
N.W./pcs(with fuse)	0.08KG
Weight of fuse	0.01KG
QTY of inner box	12PCS
G.W./box(with fuse)	1.02KG
QTY of outside box	120PCS
weight of one Carton(with fuse)	10.66KG
This parameter is for reference only.	



INNER BOX STICKER AND OUTER BOX STICKER

Inner box sticker



Outer box sticker



When the product is put into storage,
the label on the box can conveniently count and identify the quantity,
which is convenient to find and improving work efficiency.

suntree
human technology nature

 www.chinasuntree.com