

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50593311

Blatt Sheet
0001

Ihr Zeichen Client Reference
L.L.

Unser Zeichen Our Reference
ZC10-WCJ-CN23QG8I 001

Ausstellungsdatum Date of Issue
06.07.2023 (day/mo/yr)

Genehmigungsinhaber License Holder

Zhejiang Tengen Electric Co., Ltd.
Sulv Industrial Area,
Liushi Town, Yueqing City,
325604 Zhejiang
P.R. China

Fertigungsstätte Manufacturing Plant

Zhejiang Tengen Smart Electrics
Co., Ltd
No. 2777 West Zhongshan Road,
Xiuzhou District,
Jiaxing
314000 Zhejiang
P.R. China

Prüfzeichen Test Mark



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111271617

Geprüft nach Tested acc. to
EN IEC 60947-3:2021

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Switch-disconnector (PV Switch-disconnector)

Type Designation: TGHX3S-63P/4M (TENGEN (Logo))

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Ambient Temperature : -40°C to +85°C
Utilization Category : DC-PV1, DC-PV2, DC-21B
Polarity : No polarity
Number of Poles : 4 layers
Rated Operational Voltage (Ue) : 480VDC; 600VDC
Rated Current (Ie) : 50A/600VDC (DC-PV1 and DC-21B)
45A/480VDC (DC-PV2 and DC-21B)
32A/600VDC (DC-PV2 and DC-21B)
Rated Insulation Voltage (Ui) : 1100V
Rated Impulse Withstand Voltage (Uimp) : 8.0kV
Conventional Free Air Thermal Current (Ith) : 63A
Rated Short-time Withstand Current (Icw) : 760A, 1s
Pollution Degree : 2
Rated Short-time Making Capacity (Icm) : 1400A
Suitability for Isolation : Yes
Terminal Connection : Solder with PCB board
Degree of Protection : IP20 (Excluding the terminals)

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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



Zertifizierungsstelle

Wencai Zhang

Wencai Zhang

Zhejiang Tengen Electric Co., Ltd.
Li Li

Date : 06.07.2023
Our ref. : WCJ ZC10
Your ref.: L.L.

Sulv Industrial Area,
Liushi Town, Yueqing City,
325604 Zhejiang
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : PV Switch-disconnector
Model Designation : See Certificate
Certificate No. : R 50593311 0001
Report No. : CN23QG8I 001

Dear Li Li,

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 Tengen Electric Co., Ltd.

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 50593314 0001

Report No.: CN23QG8I 001

Holder: Zhejiang Tengen Electric Co., Ltd.
Sulv Industrial Area,
Liushi Town, Yueqing City,
325604 Zhejiang
P.R. China

Product: Switch-disconnector
(PV Switch-disconnector)

Identification: Type Designation: TGHX3S-63P/4M (TENGEN (Logo)

Serial No. : Engineering sample

Remark: Issued in conjunction with TÜV Rheinland license
R 50593311 0001.

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 05.07.2023



Wencai Zhang

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Zhejiang Tengen Electric Co., Ltd.
Li Li

Date : 06.07.2023
Our ref. : WCJ ZC10
Your ref.: L.L.

Sulv Industrial Area,
Liushi Town, Yueqing City,
325604 Zhejiang
P.R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : PV Switch-disconnector
Model Designation : See Certificate
Certificate No. : AN 50593314 0001
Report No. : CN23QG8I 001

Dear Li Li,

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

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With kind regards,

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Wencai Zhang

CC: Zhejiang Tengen Electric Co., Ltd.

Enclosure

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