

Zhejiang Tengen Electric Co., Ltd.
Li Li

Date : 27.04.2022
Our ref. : CLA 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 : Air Circuit Breaker
Model Designation : See Certificate
Certificate No. : R 50542178 0001
Report No. : CN22MSEJ 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


James Li

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

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50542178

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
L.L.

Unser Zeichen *Our Reference*
ZC10-CLA-CN22MSEJ 001

Ausstellungsdatum *Date of Issue*
27.04.2022
(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 Electric Co., Ltd.
(Yueqing Economic
Development Zone Branch)
No.288 Central Avenue
Development Zone, Yueqing City,
325604 Zhejiang
P.R. China

Prüfzeichen *Test Mark*



Regular Production
Surveillance
Safety
Type Approved

www.tuv.com
ID 1111253524

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

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

Lizenzentgelte - Einheit *License Fee - Unit*

Air circuit breaker (Air Circuit Breaker)

Type Designation	: 1) TGW1N-4000 2) TGW1N-4000H (Tengen (Logo))	6
Utilization Category	: B	
Over-current Release	: Electronic	
Number of Poles	: 3 Poles, 4 Poles	
Number of Protection Poles	: 3 Poles, 4 Poles	
Nature of Supply	: 50/60Hz	
Rated Operation Voltage (Ue)	: 415V, 690V	
Rated Current (In)	: 2500A, 2900A, 3200A, 3600A, 3900A, 4000A	
Rated Impulse Withstand Voltage	: 12.0kV	
Rated Insulation Voltage (Ui)	: 1000V	
Rated Ultimate Short-circuit Breaking Capacity Icu	: 100kA for 415V, 70kA for 690V	

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

Zertifizierungsstelle



James Li

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50542178

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
L.L.

Unser Zeichen *Our Reference*
ZC10-CLA-CN22MSEJ 001

Ausstellungsdatum *Date of Issue*
27.04.2022
(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 Electric Co., Ltd.
(Yueqing Economic
Development Zone Branch)
No.288 Central Avenue
Development Zone, Yueqing City,
325604 Zhejiang
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*

Air circuit breaker (Air Circuit Breaker)

Continuation from page 0001

Rated Service Short-circuit
Breaking Capacity I_{cs}

: 100kA for 415V,
70kA for 690V

Rated Short-circuit
Withstand Current I_{cw}

: 1) 80kA/s for 415V,
70kA/s for 690V
2) 85kA/s for 415V,
75kA/s for 690V

Suitability for Isolation

: Yes

Suitability for Using in IT System

: Yes

Suitability for Using on

Phase-earthed Systems

: Yes

Pollution Degree

: 3

ANLAGE (Appendix): 1

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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



James Li

Zhejiang Tengen Electric Co., Ltd.
Li Li

Date : 27.04.2022
Our ref. : CLA 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 : Air Circuit Breaker
Model Designation : See Certificate
Certificate No. : AN 50542190 0001
Report No. : CN22MSEJ 001

Dear Li Li,

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


James Li

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

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50542190 0001

Report No.: CN22MSEJ 001

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

Product: Air circuit breaker
(Air Circuit Breaker)

Identification: Type Designation: TGW1N-4000 TGW1N-4000H
(Tengen (Logo))

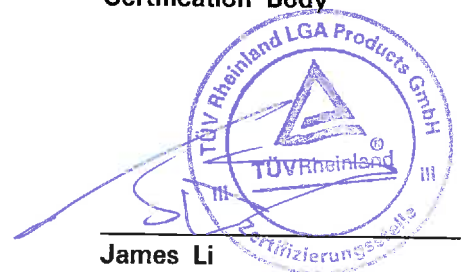
Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland
license R 50542178 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 27.04.2022



James Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg