

Zhejiang Tengen Electric Co., Ltd.
Li Li
-
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P. R. China

Date : 28.09.2017
Our ref. : ZHB ZC10
Your ref.: L.L.

Ref : R TÜV-Mark Approval

Type of Equipment : Moulded-case Circuit-breaker
Model Designation : See Certificate
Certificate No. : R 50383310 0001
Report No. : 50090206 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.

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 50383310
Blatt *Sheet* 0001

Ihr Zeichen *Client Reference* L.L.
Unser Zeichen *Our Reference* ZC10-ZHB-50090206 001
Ausstellungsdatum *Date of Issue* 28.09.2017
(day/mo/yr)

Genehmigungsinhaber *License Holder* Zhejiang Tengen Electric Co., Ltd.
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P. R. China
Fertigungsstätte *Manufacturing Plant* Zhejiang Tengen Electric Co., Ltd.
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P. R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 60947-2:2006+A1+A2

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Circuit Breaker (Moulded-case Circuit-breaker)

Type Designation : TGBK-125x TGBG-125x 8
TGBG-125xA
x=Blank, H
(TENGEN)
Reference Ambient : 30°C
Utilization Category : A
Rated Current(In) : 63A, 80A, 100A, 125A
Instantaneous Tripping Curve : Ii=5In
Ii=8In
Ii=12In
Impulse Withstand Voltage(Uimp) : 4,0kV
Rated Insulation Voltage (Ui) : 690V
Suitability for Isolation : Yes
Suitability for IT System : Yes

Continued on page 0002-0003

ANLAGE (Appendix) : 1, 1.1

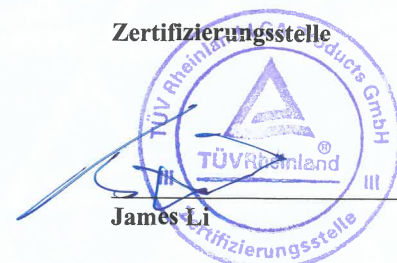
8

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

Zertifizierungsstelle



James Li

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50383310

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
L.L.

Unser Zeichen *Our Reference*
ZC10-ZHB-50090206 001

Ausstellungsdatum *Date of Issue*
28.09.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Zhejiang Tengen Electric Co., Ltd.
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P. R. China

Fertigungsstätte *Manufacturing Plant*
Zhejiang Tengen Electric Co., Ltd.
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P. R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 60947-2:2006+A1+A2

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Circuit Breaker (Moulded-case Circuit-breaker)

continuation from page 0001

Ratings of AC:

Rated Operation Voltage (Ue) : 1) 220/230/240V (1P; 50/60Hz)
2) 220/230/240V (2P; 50/60Hz)
(Only when x=Blank)
3) 380/400/415V
(2P, 3P, 4P; 50/60Hz)

Rated Ultimate Short-circuit
Breaking Capacity (Icu) : 1) 3) 6kA (When x=Blank)
10kA (When x=H)
2) 10kA (When x=Blank)

Rated Service Short-circuit
Breaking Capacity (Ics) : 1) 3) 6kA (When x=Blank)
7.5kA (When x=H)
2) 7.5kA (When x=Blank)

Continued on page 0003

ANLAGE (Appendix): 1, 1.1

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.

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Zertifizierungsstelle



James Li

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.* Blatt *Sheet*
R 50383310 0003

Ihr Zeichen *Client Reference* Unser Zeichen *Our Reference* Ausstellungsdatum *Date of Issue*
L.L. ZC10-ZHB-50090206 001 28.09.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder* Fertigungsstätte *Manufacturing Plant*
Zhejiang Tengen Electric Co., Ltd. Zhejiang Tengen Electric Co., Ltd.
Tengen Industry Zone, Liushi, Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604 Yueqing, Zhejiang 325604
P. R. China P. R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 60947-2:2006+A1+A2

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Circuit Breaker (Moulded-case Circuit-breaker)

continuation from page 0001-0002

Ratings of DC:

Rated Operation Voltage (U_e) : 1) 60V (1P Appearance)
2) 110/125V (1P Appearance)
3) 125V (2P Appearance)
4) 220/250V (2P Appearance)
5) 330/375V (3P Appearance)
6) 440/500V (4P Appearance)

Rated Ultimate Short-circuit
Breaking Capacity (I_{cu}) : 1) 3) 20kA
2) 4) 5) 6) 10kA

Rated Service Short-circuit
Breaking Capacity (I_{cs}) : 1) 3) 15kA
2) 4) 5) 6) 10kA

The labelling requirements acc. to EU Directive 2001/95
have to be observed for distribution within the EEA.

ANLAGE (Appendix): 1, 1.1

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.

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Zhejiang Tengen Electric Co., Ltd.
Li Li
-
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P. R. China

Date : 28.09.2017
Our ref. : ZHB ZC10
Your ref.: L.L.

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Moulded-case Circuit-breaker
Model Designation : See Certificate
Certificate No. : AN 50383312 0001
Report No. : 50090206 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 50383312 0001

Report No.: 50090206 001

Holder: Zhejiang Tengen Electric Co., Ltd.
Tengen Industry Zone, Liushi,
Yueqing, Zhejiang 325604
P. R. China

Product: Circuit Breaker
(Moulded-case Circuit-breaker)

Identification: Type Designation: TGBK-125x TGBG-125x TGBG-125xA
(TENGEN)
Serial No.: n.a.
Remark: Issued in conjunction with TÜV Rheinland
license R 50383310 0001-0003.

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



James Li

Date 28.09.2017

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**