

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

Date : 19.12.2019
Our ref. : YQ ZC10
Your ref.: L.L.

Ref : R TÜV-Mark Approval

Type of Equipment : DC Circuit-breaker (MCCB)
Model Designation : See Certificate
Certificate No. : R 50455201 0001
Report No. : 50057440 002

Dear Ms. 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 50455201

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
L.L.

Unser Zeichen *Our Reference*
ZC10-YQ-50057440 002

Ausstellungsdatum *Date of Issue*
19.12.2019 (day/mo/yr)

Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

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

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1419076652

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 (DC Circuit-breaker (MCCB))

Type Designation : THB1D2-63H
(Tengen (Logo))
Reference Temperature : 30°C
Selectivity Category : A
Number of Poles : 1-pole, 2-pole,
3-pole, 4-pole
Rated Current (In) : 1/2/3/4/6/10/16/20/25/
32/40/50/63A
Rated Instantaneous Short-circuit
Current Setting (Ii) : 6In, 8.5In
Rated Impulse Withstand
Voltage (Uimp) : 6.0kV
Rated Insulation Voltage (Ui) : 1000V
Suitability for Isolation : Yes
IP Code : IP20

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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

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 50455201

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
L.L.

Unser Zeichen *Our Reference*
ZC10-YQ-50057440 002

Ausstellungsdatum *Date of Issue*
19.12.2019 (day/mo/yr)

Genehmigungsinhaber *License Holder*

Zhejiang Tengen Smart Electrics
Co., Ltd
No. 2777 West Zhongshan Road,
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Fertigungsstätte *Manufacturing Plant*

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Co., Ltd
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P. R. China

Prüfzeichen *Test Mark*



Type Approved
Safety
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ID 1419076652

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 (DC Circuit-breaker (MCCB))

Continuation from page 0001

Rated Operational Voltage
(Ue)

- : 1) DC 125V, 220V, 250V (1-pole)
- 2) DC 300V (1-pole)
- 3) DC 250V, 440V, 500V (2-pole)
- 4) DC 600V (2-pole)
- 5) DC 750V (3-pole)
- 6) DC 900V (3-pole)
- 7) DC 1000V (4-pole)
- 8) DC 1200V (4-pole)

Rated Ultimate Short-circuit

Breaking Capacity (Icu) : 1)3)5)7) 10kA 2)4)6)8) 4.5kA

Rated Service Short-circuit

Breaking Capacity (Ics) : 1)3)5)7) 7.5kA 2)4)6)8) 4.5kA

Remark: This certificate replaces R 50360054,
page 0001-0002 dated 02.03.2017.

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.
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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Fax: +49 221 806-3935 http://www.tuv.com/safety



Zhejiang Tengen Smart Electrics
Co., Ltd

Date : 19.12.2019
Our ref. : ZHB ZC10
Your ref.: L.L.

No. 2777 West Zhongshan Road,
Xiuzhou District,
Jiaxing, Zhejiang Province 314000
P. R. China

Ref : Confirmation of license cancellation

Type of Equipment : DC Circuit-breaker (MCCB)
Model Designation : See Certificate
Certificate No. : R 50360054 0001
Report No. : 50057440 001

Dear Ladies and Gentlemen,

We have received your cancellation request for the certificate number mentioned above, accompanied by the original certification documents. According to your request, we have cancelled all pages belonging to the above mentioned certificate number. The request has arrived in time, therefore we will not charge the respective annual license fees from the next year on.

We would like to take the opportunity to offer you our assistance in the approval of your future products through our wide range of services.

Please feel free to contact us whatever your requirements may be. We appreciate your support and thank you for your cooperation.

the certificate holder is: Zhejiang Tengen Smart Electrics
Co., Ltd

With kind regards,

Certification Body



James Li

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