

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50579540

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
L.L.

Unser Zeichen *Our Reference*  
ZC10-WCJ-CN23ICE8 001

Ausstellungsdatum  
31.03.2023

*Date of Issue*  
(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***



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111266933

**Geprüft nach *Tested acc. to***

EN 61009-1:2012+A1+A2+A11+A12+A13

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

**Lizenzentgelte - Einheit  
*License Fee - Unit***

**Residual Current Operated circuit-breakers (RCBOs) <sup>®</sup>**

Type Designation : TGB1NLE-40L, TGB1NLA-40L (Tengen (Logo)) 8  
Number of Poles : 1P+N  
Rated Operation Voltage (Ue) : AC 230/240V  
Nature of Supply : 50/60Hz  
Rated Current (In) : 10/16/20/25/32/40A  
Instantaneous Tripping Current : B-/C-/D-Type  
Behaviour in Presence of d.c. Components : Type AC, Type A  
Rated Residual Operating Current (IΔn) : 30/50/75/100/300mA (general type)  
Rated Residual Making Breaking Capacity (IΔm) : 3000A  
Rated Service Short-circuit Capacity (Ics) : 6.0kA  
Rated Ultimate Short-circuit Current (Icn) : 6.0kA  
Ambient Air Temperature : -25°C to +50°C  
Rated Insulation Voltage (Ui) : 500V  
Rated Impulse Withstand Voltage (Uimp) : 4kV

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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**



# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2014/35/EU

Registration No.: AN 50579547 0001

Report No.: CN23ICE8 001

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

Product: Residual Current Operated circuit-breakers  
(RCBOs)

Identification: Type Designation: TGB1NLE-40L, TGB1NLA-40L  
(Tengen(Logo))

Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland  
license R 50579540 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 31.03.2023

A circular blue seal for TÜV Rheinland LGA Products GmbH, featuring the company logo and the text 'TÜV Rheinland LGA Products GmbH' and 'Zertifizierungsstelle'. A signature in blue ink is written over the seal.  
Wencai Zhang

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