

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50673642 0001

Berichtsnummer Report No.:

CN259GYA 001

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

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 according to:

EN IEC 60947-2:2025

Geräteidentifikation
Product Identification
Produkt:

Residual Current Operated circuit-breakers
(MCCB with CBRs)

Product:
Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:

Type designation(s) are listed on the next page(s)

Technische Daten:

Technische Daten auf nächste(r) Seite(n) gelistet

Technical Data:

Technical Data is listed on the next page(s)

Gültig ab:

2025-05-07

Valid from:
Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

2025-05-07

Date of issue:

Wencai Zhang

Wencai Zhang



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

www.tuv.com

 **TÜVRheinland®**
Precisely Right.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50673642 0001

Berichtsnummer *Report No.:*

CN259GYA 001

Produkt *Product:* Residual Current Operated circuit-breakers
(MCCB with CBRs)

Modell *Type:* **Bezeichnung** *Designation:*

Type Designation: TGM3Lx-250ya/bcdefg (TENGEN (Logo))
 (x=Blank, A; y=C, L, M, H; a=Blank, P, Z; b=3, 3N, 4; c=2, 3; d=00, 08, 10, 20, 21, 30, 40, 41, 50, 51, 52, 70, 71, 18, 38, 48, 28, 78, 55, 58; e=Blank, 2; f=A, B, C, D; g=Blank, I, II)

Selectivity Category :A
 Reference Temperature :+40°C
 Rated Operational Current(In):100/125/140/150/160/170/180/200/225/250A
 Rated Operational Voltage(Ue):AC380/400/415V
 Number of Poles :3P, 3P+N, 4P
 Rated Frequency(fn) :50/60Hz
 Rated Insulation Voltage(Ui) :1000V
 Method of Operation :Functionally Dependent of Line Volatage
 Breaking Capacity Level :C, L, M, H
 Rated Instantaneous Short-circuit Current Setting:(Ii):
 6-10In(Power distribution), 12In(Motor protection)
 Rated Ultimate Short-circuit Breaking Capacity(Icu):
 Ue/AC415V: 36kA(b=C), 50kA(b=L), 70kA(b=M), 100kA(b=H)
 Rated Service Short-circuit Breaking Capacity(Ics):
 Ue/AC415V: 36kA(b=C), 50kA(b=L), 70kA(b=M), 70kA(b=H)
 Classification According to Behaviour in Presence DC Component of CBRs:
 Type AC or Type A
 Rated Residual Operating Current(IΔn):
 Time-delay adjustable (Type AC/Type A) :0.05/0.1/0.2/0.3/0.5/0.8/1A/OFF,
 Non-time-delay adjustable (Type AC/TypeA):0.05/0.1/0.2/0.3/0.5/0.8/1A/OFF,
 Time-delay adjustable (Type AC) :0.3/0.5/0.8/1/3/5/10A/OFF,
 Non-time-delay adjustable (Type AC) :0.3/0.5/0.8/1/3/5/10A/OFF,
 Non-time-delay(Type A or Type AC) :30mA
 Limiting Non-actuating Time:
 Non-time-delay:0.3s, Time-delay adjustable:0.1/0.2/0.4/0.5/1s/OFF
 Conventional Free Air Thermal Current(Ith) :250A
 Rated residual making and breaking capacity IΔm(A) :25%Icu
 Rated Impulse Withstand Voltage :8kV
 Pollution Degree :3
 Rated Duty :Uninterrupted work
 Suitability for Using in IT System :Yes
 Suitability for Isolation :Yes(3P and 4P)
 Method of Installation :Fixed, Plug-in

Anlage(Appendix) : 1