

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50673645 0001

Berichtsnummer Report No.:

CN25IKXA 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:


Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111300165

Geprüft nach Tested according to:

EN IEC 60947-2:2025

Geräteidentifikation
Product Identification

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

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



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

Modell Type: Bezeichnung Designation:

Type Designation: TGM3Lx-400ya/bcdefg (TENGEN (Logo))
(x=Blank, A; y=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): 225/250/315/350/400A
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 : 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: 50kA(b=L), 70kA(b=M), 100kA(b=H)
Rated Service Short-circuit Breaking Capacity(Ics):
Ue/AC415V: 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(I Δ n):
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) : 1/3/5/10/30A/OFF,
Non-time-delay adjustable (Type AC) : 1/3/5/10/30A/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
Conventional Free Air Thermal Current(Ith) : 400A
Rated residual making and breaking capacity I Δ m(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