

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50684374 0001

Berichtsnummer Report No.:

CN25TZPB 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:
Product:

Moulded case circuit breaker
(Moulded case circuit breaker)

Modell:
Type:

Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten:
Technical Data:

Technische Daten auf nächste(r) Seite(n) gelistet
Technical Data is listed on the next page(s)

Gültig ab:
Valid from:

2025-07-16

Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:
Date of issue:

2025-07-16

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:* Moulded case circuit breaker
(Moulded case circuit breaker)

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

Code Designation : TGM3E-xya/bcdfghi

 (x=1250, 1600; y= L, M, H; a=Blank, P, Z; b=3, 3N, 4; c=3; d=00,
08, 10, 20, 21, 23, 30, 40, 41, 43, 50, 51, 52, 54, 70, 71, 18,
28, 38, 48, 47, 45, 68, 66, 77, 78, 75, 55, 56, 58, 59; f=B, C;
g=Blank, III; h=Blank, E1, E2, E3, E4; i=Blank)

Trademark : (Tengen(Logo))

Number of Poles

:3P,3P+N,4P

Rated Operation Voltage(Ue)

:AC380/400/415V

Rated Frequency

:50/60Hz

Rated Impulse Withstand Voltage(Uimp)

:12kV

Rated Insulation Voltage(Ui)

:1000V

Rated Current Range of Electronic Release

:1250A/1600A

Conventional Free Air Thermal Current of Frame Size(Ith):1250A/1600A

Breaking Capacity Level

:L; M; H

Rated Current Range of Electronic Release(In):

Inm:1250A(In:800/1000/1250A): 800AF:315A to 800A(Adjustable)

1000AF:400A to 1000A(Adjustable)

1250AF:500A to 1250A(Adjustable)

Inm:1600A(In:800/1000/1250/1600A): 800AF:315A to 800A(Adjustable)

1000AF:400A to 1000A(Adjustable)

1250AF:500A to 1250A(Adjustable)

1600AF:630A to 1600A(Adjustable)

Rated Instantaneous Short-circuit Current Setting:(Ii):

Blank/E1/E2/E3/E4(3~14Ir adjustable for power distribution)

Rated Ultimate Short-circuit Breaking Capacity(Icu):

Ue:AC380/400/415V:50kA(y=L);70kA(y=M);100kA(y=H)

Rated Service Short-circuit Breaking Capacity(Ics):

Ue:AC380/400/415V:50kA(y=L);70kA(y=M); 75kA(y=H)

Rated Short-circuit Withstand Current(Icw) :

Ue:AC380/400/415V:15kA/1s(Inm:1250A);Ue:AC380/400/415V:20kA/1s(Inm:1600A)

Rated Duty

:Uninterrupted duty

Suitability for Using in IT System

:No

Suitability for Isolation

:Yes

Method of Installation

:Fixed

Auxiliary and Control Circuit Parameters:

Shunt Release(MX3M40)(Us):AC220/230/240V; AC380/400/415V; 50/60Hz;DC24V;

DC110V; DC220V; Ui:690V; Uimp:4kV

Undervoltage Release(MN3M40)(Us):AC220/230/240V; AC380/400/415V;

50/60Hz; Ui:690V; Uimp:4kV

Motor operating mechanism(CD3MS1)(Us):

AC110/220V; AC230/240V; AC380/400/415V; 50/60Hz; DC110/220V;

DC230/240V;DC24; Ui:690V; Uimp:4kV

Auxiliary Switch(OF3M40) or Alarm Contact Circuits(SD3MS1):

1N01NC; 2N02NC; Ui:690V; Uimp:4kV; Ith=5A; 50/60Hz;

AC-15: AC380/400/415V/0.3A; DC-13: DC110/220/250V/0.15A

ANLAGE (Appendix): 1