

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50658163 0001

Berichtsnummer Report No.:

CN2494FF 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:


Regular Production
Surveillance
Safety
Type Approved

www.tuv.com
ID 1111294690

Geprüft nach Tested according to:

EN 60947-2:2017+A1

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:

2025-01-10

Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:
Date of issue:

2025-01-10

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 : TGM3-abc/defgh
(a=630; b=C, E, L, M, H, R; c=Blank, P, Z;
d=3, 3N, 4; e=2, 3; f=00,08,10,18,21,23,30,38,41,43,45,47,
50,52,54,56,58,59,66,68,71,75,77; g=Blank, 2; h=A, B, C, D)
Trademark : (Tengen(Logo))

Selectivity Category	:A
Interruption Medium	:Air
Electromagnetic Compatibility	:Environment A
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 of Construction Breaks(Inm)	:630A
Conventional Free Air Thermal Current of Frame Size(Ith):630A	
Breaking Capacity Level	:C,E,L,M,H,R
Rated Current Range of Thermo-magnetic or Magnetic Release(In):	Inm:630A:400/500/600/630A
Current Setting of Adjustable Overload Release:(Ir):1.0In	
Rated Instantaneous Short-circuit Current Setting:(Ii):	6/8/10In±20%(Power distribution), 12In±20%(Motor protection)
Rated Ultimate Short-circuit Breaking Capacity(Icu):	36kA(b=C),40kA(b=E),50kA(b=L),70kA(b=M),100kA(b=H),100kA(b=R)
Rated Service Short-circuit Breaking Capacity(Ics):	36kA(b=C),40kA(b=E),50kA(b=L),70kA(b=M),75kA(b=H),100kA(b=R)
Rated Duty	:Uninterrupted duty
Suitability for Using in IT System	:No
Suitability for Isolation	:Yes(3P;4P)
Method of Installation	:Fixed, Plug-in, Withdrawable

Auxiliary and Control Circuit Parameters:

Shunt Release(Us): AC220/230/240V, AC380/400/415V, 50/60Hz;
DC24V, DC110V, DC220V, Ui: 690V, Uimp: 4kV

Undervoltage Release: AC220/230/240V, AC380/400/415V;
50/60Hz, Ui: 800V, Uimp: 4kV

Auxiliary Switch or Alarm Contact Circuits:

NO or NC, Ui: 690V, Uimp: 4kV, Ith=5A, AC-15: AC380/400/415V/0.3A;
DC-13: DC110/220/250V/0.15A

Motor Operating Mechanism:

Ui: 690V, Uimp: 4kV, AC380/400/415V, 50/60Hz, AC/DC110/220/230/240

ANLAGE (Appendix): 1

