

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50620816 0001

Berichtsnummer Report No.:

CN23RGKU 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 60947-2:2017+A1

Geräteidentifikation
Product Identification
Produkt:

Circuit Breaker

Product:

((Moulded case circuit breaker))

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:

2024-03-14

Valid from:
Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

2024-03-14

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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Precisely Right.

Zertifikat *Certificate*

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Produkt *Product:* Circuit Breaker
 ((Moulded case circuit breaker))

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

Code Designation : TGM5-250bc/defgh

(b=C,L,M,H,S; c=Blank,P,Z; d=3,3N,4; e=2,3; f=00,08,10,30,20,21,18,38,28,68,40,41,70,71,48,47,78,77; g=Blank,2; h=A,B,C,D)

Trademark : (Tengen(Logo))

Technical Data:

Selectivity Category	:A
Interruption Medium	:Air
Electromagnetic Compatibility	:Environment A
Number of Poles	:3P,3N,4P
Number of Protection Poles	:3, 3, 4
Rated Operation Voltage(Ue)	:AC380/400/415V; AC500/550V; AC660/690V
Rated Frequency	:50/60Hz
Rated Impulse Withstand Voltage(Uimp)	:8kV
Rated Insulation Voltage(Ui)	:1250V
Rated Current of Construction Breaks(Inm)	:250A
Conventional Free Air Thermal Current of Frame Size(Ith):250A	
Breaking Capacity Level	:C, L, M, H, S
Rated Current Range of Thermo-magnetic Release(In):	
Inm:250A:125/160/180/200/225/250A	
Current Setting of Adjustable Overload Release:(Ir):0.8 to 1.0In	
Rated Instantaneous Short-circuit Current Setting:(Ii):	
5-10In(Power distribution), 7-12In(Motor protection)	
Rated Ultimate Short-circuit Breaking Capacity(Icu):	
Ue:=AC415V: 36kA(b=C),50kA(b=L),85kA(b=M),100kA(b=H),150kA(b=S);	
Ue:=AC550V: 25kA(b=C),50kA(b=L),50kA(b=M),70kA (b=H), 70kA(b=S);	
Ue:=AC690V: 8kA(b=C),10kA(b=L),10kA(b=M),15kA (b=H), 20kA(b=S)	
Rated Service Short-circuit Breaking Capacity(Ics):	
Ue:=AC415V: 36kA(b=C),50kA(b=L),85kA(b=M),100kA(b=H),150kA(b=S);	
Ue:=AC550V: 25kA(b=C),50kA(b=L),50kA(b=M),70kA (b=H), 70kA(b=S);	
Ue:=AC690V: 8kA(b=C),10kA(b=L),10kA(b=M),15kA (b=H), 20kA(b=S)	
Pollution Degree	:3
Rated Duty	:8 hours
Suitability for Using in IT System	:Yes
Suitability for Isolation	:Yes(3P;4P)
Method of Installation	:Fixed,Plug-in

Auxiliary and control circuit parameters

Shunt release:	Us: AC220/230V, AC380/400V, DC24
Undervoltage release:	Us: AC220/230V, AC380/400V,50/60Hz
Auxiliary switch or alarm contact circuits: NO or NC, Ui:690V,Ith=3A,	
AC-15:AC400V/1.5A, DC-13: DC220V/0.15A	

ANLAGE (Appendix): 1