

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50670951 0001

Berichtsnummer Report No.:

CN25LJ50 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 1111299221

Geprüft nach Tested according to:

EN 60947-2:2017+A1

Geräteidentifikation
Product Identification
Produkt:

Air circuit breaker

Product:

(Air 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:

2025-04-11

Valid from:
Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

2025-04-11

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: Air circuit breaker
(Air Circuit Breaker)

Modell Type: Bezeichnung Designation:

Type Designation : TGW3-axyzdefgh (Tengen (Logo))
(a=2000, 2500; x=Blank, H; y=3P, 3N, 4P; z=200, 250, 400,
500, 630, 800, 1000, 1250, 1600, 1900, 2000, 2500; d=M,
V, H, S; e=D, F; f=A110, A220, A230, A240, A380, A400,
A415, D110, D220; g=D, M; h=3,4)

Selectivity Category	:B
Interruption Medium	:Air
Electromagnetic Compatibility	:Environment A
Number of Poles	:3P;3N(3P+N);4P
Number of Protection Poles	:3; 3; 4
Rated Operation Voltage(Ue)	:AC380/400/415V; AC660/690V
Rated Frequency	:50/60Hz
Rated Current of Frame Size(Inm)	:2000A;2500A
Conventional Free Air Thermal Current of Frame Size(Ith)	:Same as Inm
Breaking Capacity Level	:Standard(x=Blank) Higher (x=H)
Rated Current Range of Electronic Release(In):	
Inm:2000A/In:200/250/400/500/630/800/1000/1250/1600/1900/2000A	
Inm:2500A/In:630/800/1000/1250/1600/1900/2000/2500A	
Rated Ultimate Short-circuit Breaking Capacity(Icu):	
Inm:2000A: 70kA(Ue=AC415V and x=Blank); 80kA(Ue=AC415V and x=H) 50kA(Ue=AC690V and x=Blank); 65kA(Ue=AC690V and x=H)	
Inm:2500A: 80kA(Ue=AC415V and x=Blank); 85kA(Ue=AC415V and x=H) 65kA(Ue=AC690V and x=Blank); 65kA(Ue=AC690V and x=H)	
Rated Service Short-circuit Breaking Capacity(Ics):	
Inm:2000A: 70kA(Ue=AC415V and x=Blank); 80kA(Ue=AC415V and x=H) 50kA(Ue=AC690V and x=Blank); 65kA(Ue=AC690V and x=H)	
Inm:2500A: 80kA(Ue=AC415V and x=Blank); 85kA(Ue=AC415V and x=H) 65kA(Ue=AC690V and x=Blank); 65kA(Ue=AC690V and x=H)	
Rated Short-circuit Withstand Current(Icw):	
Inm:2000A: 66kA/1s(Ue=AC415V and x=Blank); 66kA/1s(Ue=AC415V and x=H) 50kA/1s(Ue=AC690V and x=Blank); 50kA/1s(Ue=AC690V and x=H)	
Inm:2500A: 66kA/1s(Ue=AC415V and x=Blank); 85kA/1s(Ue=AC415V and x=H) 55kA/1s(Ue=AC690V and x=Blank); 65kA/1s(Ue=AC690V and x=H)	
Rated Insulation Voltage(Ui)	:1000V
Rated Impulse Withstand Voltage(Uimp)	:12kV
Pollution Degree	:3
Rated Duty	:Uninterrupted work duty
Suitability for Using in IT System	:Yes
Suitability for Isolation	:Yes(3P;4P)
Method of Installation	:Fixed or Withdrawable

ANLAGE (Appendix): 1