

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50726314 0001

Berichtsnummer Report No.:

CN26148E 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:	Moulded case circuit breaker
<i>Product:</i>	(Moulded case circuit breaker)
Modell:	Modelle sind auf nächste(r) Seite(n) gelistet
<i>Type:</i>	<i>Type designation(s) are listed on the next page(s)</i>
Technische Daten:	Technische Daten auf nächste(r) Seite(n) gelistet
<i>Technical Data:</i>	<i>Technical Data is listed on the next page(s)</i>

Gültig ab: 2026-04-30

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum: 2026-04-30

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.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

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Produkt Product: Moulded case circuit breaker
(Moulded case circuit breaker)

Modell Type: **Bezeichnung Designation:**
TGM3E-250xy/abcdefg (x=C, N, L, S, M, H; y=Blank, Z, P; a=3, 4; b=3;
c=00, 08, 10, 20, 21, 30, 40, 41, 50, 51, 52, 70, 71, 18, 38, 48, 28,
78, 55, 58, 47, 56, 68, 77; d=Blank, 2; e=B, C; f=Blank, III; g=Blank,
E1, E2, E3, E4, E5)

Type of Release	: Electronic
Rated Current of Electronic Release	: 160A(63A~160A adjustable+OFF), 250A(100A~250A adjustable+OFF);
Rated Instantaneous Short-circuit Current Setting(Ii)	: (3~14)Ir adjustable+OFF; (4~12)Ir adjustable+OFF (g=E4, E5)
Conventional Free Air Thermal Current	: Same as In
Number of Poles	: 3P, 4P
Tripping Class	: 10A, 10, 20, 30
Rated Operational Voltage	: AC380/400/415V
Rated Frequency	: 50/60Hz
Rated Impulse Withstand Voltage	: 8kV
Rated Insulation Voltage	: 1000V
Breaking Capacity Level	: C, N, L, S, M, H
Rated Short-circuit Withstand Current	: 3kA/1s
Suitability for Isolation	: Yes
Method of Installation	: Fixed, Plug-in, Withdrawable
Rated Ultimate Short-circuit Breaking Capacity:	
	36kA(x=C); 50kA(x=N); 50kA(x=L); 70kA(x=S); 70kA(x=M); 100kA(x=H)
Rated Service Short-circuit Breaking Capacity :	
	36kA(x=C); 40kA(x=N); 50kA(x=L); 50kA(x=S); 70kA(x=M); 70kA(x=H)
Shunt Release(MX3M12)	:
Us:	AC220/230/240V, AC380/400/415V, 50/60Hz; DC110V, DC220V, DC24V;
Ui:	690V; Uimp: 4kV
Auxiliary(OF3M12) and Alarm(SD3M12) Contacts:	
AC-15:	AC380/400/415V/0.3A; 50/60Hz; DC-13: DC110/220/250V/0.15A;
1N01NC; 2N02NC; Ui:	690V; Uimp:4kV; Ith=5A
Electronic Accessories in Compliance with Annex N	
Undervoltage Release(MN3M12)	:
Us:	AC220/230/240V, AC380/400/415V; 50/60Hz; Ui: 800V; Uimp: 4kV
Motor-operators(CD3M25-x(x=A1, A2, D1))	:
Us:	AC/DC110/220/230/240V(x=A1), AC380/400/415V(x=A2), DC24V(x=D1);
Ui:	690V; Uimp: 4kV
Overload Alarm Module	:
Us:	AC220/230/240V, AC380/400/415V, 50/60Hz; DC24V

ANLAGE (Appendix): 1