

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50674887 0001

Berichtsnummer Report No.:

CN25TM35 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
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: 2025-05-15

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum: 2025-05-15

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
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Zertifikat Certificate

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

Modell Type:

Bezeichnung Designation:

Code Designation : aMb-800cd/efghi

(a=TG, Te; b= 5, 7; c=C, L, M, H, S; d=Blank, Z, P; e=3, 3N, 4; f=3, 2;
g=00, 08, 10, 20, 21, 22, 23, 30, 18, 38, 28, 68, 67, 66, 40, 41, 42, 43,
70, 71, 72, 73, 48, 47, 46, 45, 78, 77, 76, 75; h=Blank, 2; i=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,
AC500/550V,
AC660/690V

Rated Frequency

:50/60Hz

Rated Impulse Withstand Voltage(Uimp)

:12kV

Rated Insulation Voltage(Ui)

:1250V

Conventional Free Air Thermal Current of Frame Size(Ith):800A

Breaking Capacity Level

:C, L, M, H, S

Rated Current Range of Thermo-magnetic or Magnetic Release(In):

500/630/700/800A

Current Setting of Adjustable Overload Release:(Ir) :0.7/0.8/0.9/1.0In

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

5/6/7/8/9/10In \pm 20%(Power distribution)

7/8/9/10/11/12In \pm 20%(Motor protection)

Rated Ultimate Short-circuit Breaking Capacity(Icu):

Ue:AC380/400/415V: 36kA(c=C), 50kA(c=L), 85kA(c=M), 100kA(c=H), 150kA(c=S)

Ue:AC500/550V: 25kA(c=C), 50kA(c=L), 50kA(c=M), 70kA(c=H), 70kA(c=S)

Ue:AC660/690V: 10kA(c=C), 10kA(c=L), 20kA(c=M), 25kA(c=H), 35kA(c=S)

Rated Service Short-circuit Breaking Capacity(Ics):Same as Icu

Rated Duty

:Uninterrupted duty

Suitability for Using in IT System

:No

Suitability for Isolation

:Yes(3P;4P)

Method of Installation

:Fixed, Plug-in

Auxiliary and Control Circuit Parameters:

Shunt Release(Us) :

AC230V, AC400V; 50/60Hz;

DC24V, DC110V, DC220V; Ui:690V; Uimp:4kV

Undervoltage Release(UVT-800)(Us) :

AC230V, AC400V; 50/60Hz; Ui:690V; Uimp:4kV

Motor operating mechanism(LCD2-800)(Us) :

AC110V, AC230V, AC400V; 50/60Hz;

DC24V, DC110V, DC220V; Ui:690V; Uimp:4kV

Auxiliary Switch or Alarm Contact Circuits:

1N01NC, 2N02NC, 3N03NC, 4N04NC; Ui:690V; Uimp:4kV; Ith=3A; 50/60Hz;

AC-15: AC380V/400V/415V/0.3A; DC-13: DC110V/220V/250V/0.15A



ANLAGE (Appendix): 1