

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME


## CB TEST CERTIFICATE

Product	Circuit-Breakers
Name and address of the applicant	Zhejiang Tengen Electric Co.,Ltd Sulv Industrial Area, Liushi Town, 325604 Yueqing City Zhejiang, China
Name and address of the manufacturer	Zhejiang Tengen Electric Co.,Ltd Sulv Industrial Area, Liushi Town, 325604 Yueqing City Zhejiang, China
Name and address of the factory	Zhejiang Tengen Electric Co.,Ltd No.288 Central Avenue, Development Zone, 325600 Yueqing City Zhejiang, China
<i>When more than one factory</i>	<input type="checkbox"/> Additional information on page 2
Ratings and principal characteristics	<b>Product data</b> Ratings: Ue: 230 / 240 / 380 / 400 / 415 Vac, 50 / 60 Hz Ui: 1000 Vac, Uimp: 8 kV In: 630, 700, 800, 1000, 1250 A 3P or 4P (N pole with overcurrent protection) Ics: 100% Icu <b>Product data – type TGM1N-1250L</b> Icu: 70 kA at 230 / 240 Vac, 40 kA at 380 / 400 / 415 Vac <b>Product data – type TGM1N-1250M</b> Icu: 70 kA at 230 / 240 Vac, 65 kA at 380 / 400 / 415 Vac
Trademark / Brand (if any)	TENGEN
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TGM1N-1250L and TGM1N-1250M
Additional information	<input checked="" type="checkbox"/> Additional information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-2:2024 and IEC 60947-1:2020
As shown in the Test Report Ref. No. which forms part of this Certificate	3334780.50

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.  
Meander 1051  
6825 MJ Arnhem  
Netherlands

Date: 2025-09-24

  
Signature: B. Menzel

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Suitability for isolation: Suitable

Selectivity category: A

Details of minimum distance between circuit-breaker and earthed metal parts: Up / Down: 100 mm, Left / Right: 50 mm, Front / Back: 0 mm,

Reference temperature for non-compensated thermal releases: 40 °C or 55 °C

Method of installation: Fixed

Electromagnetic compatibility (EMC) Environment A or B: A and B

Tightening torque for the circuit-breaker terminals: M10 / 22 Nm

Identification of line and load terminals: Line and load are marked

Shunt release: 230 Vac, 400 Vac (50 / 60 Hz), 24 Vdc

**Nomenclature breakdown:**

TG M 1N – 1250 L / 4 3 10 C

a b c d e f g h i

a: Enterprise code

b: Moulded case circuit breaker

c: Design code

d: Frame current: 1250 A

e: Breaking capacity level: 'L' means standard type, 'M' means high-breakdown type

f: Number of poles: 3 or 4

g: Complex tripper type

h: Shunt release

i: N pole with protection

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