

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

When more than one factory

 Additional information on page 2

Ratings and principal characteristics

## Product data

Ratings: 3P or 4P (3P+N, N pole with overcurrent protection)

Ui: 800 V, Uimp: 8 kV, 50 / 60 Hz

Ue: 230 / 240 Vac, 380 / 400 / 415 Vac

## Product data – type TGM1N-125L

In: 10, 16, 20, 25, 32, 35, 40, 50, 63, 75, 80, 100, 125 A; Icu / Ics: 35 kA at  
230 / 240 Vac, 20 kA at 380 / 400 / 415 Vac

## Product data – type TGM1N-125M

In: 10, 16, 20, 25, 32, 35, 40, 50, 63, 75, 80, 100, 125 A; Icu / Ics: 35 kA at 230 / 240 Vac, 25 kA at 380 / 400 / 415 Vac

## Product data – type TGM1N-63L

In: 10, 16, 20, 25, 32, 35, 40, 50, 63 A; Icu / Ics: 35 kA at 230 / 240 Vac, 20  
kA at 380 / 400 / 415 Vac

## Product data – type TGM1N-63M

In: 10, 16, 20, 25, 32, 35, 40, 50, 63 A; Icu / Ics: 35 kA at 230 / 240 Vac, 25  
kA at 380 / 400 / 415 Vac

Trademark / Brand (if any)

TENGEN

Customer's Testing Facility (CTF) Stage  
used

TGM1N-125L, TGM1N-125M, TGM1N-63L and TGM1N-63M

Model / Type Ref.

 Additional information on page 3

Additional information

A sample of the product was tested and  
found to be in conformity with

IEC 60947-1:2020 and IEC 60947-2:2024

As shown in the Test Report Ref. No.  
which forms part of this Certificate

3334770.50

This CB Test Certificate is issued by the National Certification Body

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

Date: 2025-09-23

  
Signature: Caroline Chen DEKRA



Ref. Certif. No.

NL-120214

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## Additional information

Suitability for isolation: Suitable

Selectivity category: A

Details of minimum distance between circuit-breaker and earthed metal parts: Front / Back: 0 mm, Left / Right: 25 mm, Up / Down: 50 mm

Reference temperature for non-compensated thermal releases ambient temperature: 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: M8 / 8 Nm

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

Shunt release: 220 / 230 / 240 Vac, 380 / 400 / 415 Vac (50 / 60 Hz), 24 Vdc

## Nomenclature breakdown:

TG M 1N – 63 L / 4 3 10 C  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Enterprise code
- ② Moulded case circuit breaker
- ③ Design code
- ④ Frame current: '63' means 63 A, '125' means 125 A
- ⑤ Breaking capacity level: 'L' means standard type, 'M' means high-breakdown type
- ⑥ Number of poles: 3 or 4
- ⑦ Complex tripper type
- ⑧ Shunt release
- ⑨ N pole with protection

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