

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

CB TEST CERTIFICATE

Product	Moulded Case Circuit Breaker
Name and address of the applicant	Zhejiang Tengen Electric Co., Ltd. Sulv Industrial Area, Liushi Town, Yueqing City, 325604 Zhejiang P.R. China
Name and address of the manufacturer	Zhejiang Tengen Electric Co., Ltd. Sulv Industrial Area, Liushi Town, Yueqing City, 325604 Zhejiang P.R. China
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	Zhejiang Tengen Smart Electrics Co., Ltd No. 2777 West Zhongshan Road, Xiuzhou District, Jiaxing, 314000 Zhejiang P.R. China
Ratings and principal characteristics	In: 1/2/3/4/5/6/10/16/20/25/32/40/50/63A; Thermo-magnetic; Uimp: 6kV, Ui: 1000V; Selectivity Category: A; (for further ratings see page 2)
Trademark / Brand (if any)	Tengen (Logo)
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TGB3Z-63, TGB3Z-63H
Additional information (if necessary may also be reported on page 2)	See additional page(s) for further Additional information.
A sample of the product was tested and found to be in conformity with	IEC 60947-2:2016+A1
As shown in the Test Report Ref. No. which forms part of this Certificate	CN230HTV 001

This CB Test Certificate is issued by the National Certification Body

TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web: www.tuv.com

Date: 2023-11-24

Signature: Wencai Zhang

Additional information :

For type TGB3Z-63:

AC ratings:

Ii: 4In±20% (B-type)/8In±20% (C-type)/12In±20% (D-type)

Ue: AC 220V/230V/240V (1P, 1P+N); 50/60Hz

AC 380V/400V/415V (2P, 3P, 3P+N, 4P); 50/60Hz

Ics=Icu: 6 kA

DC ratings:

Ii: 5.5In±20% (B-type)/11In±20% (C-type)/17In±20% (D-type),

Ue: DC 60V/110V/125V (1P appearance)

DC 125V/220V/250V (2P appearance)

DC 330V/375V (3P appearance)

DC 440V/500V (4P appearance)

Ics: 7.5 kA, Icu: 10 kA (1P appearance of DC 60V;

2P appearance of DC 125V);

Ics=Icu: 6 kA (1P appearance of DC 110V/125V;

2P appearance of DC 220V/250V;

3P appearance of DC 330V/375V;

4P appearance of DC 440V/500V)

For type TGB3Z-63H:

AC ratings:

Ii: 4In±20% (B-type)/8In±20% (C-type)/12In±20% (D-type)

Ue: AC 220V/230V/240V (1P, 1P+N); 50/60Hz

AC 380V/400V/415V (2P, 3P, 3P+N, 4P); 50/60Hz

Ics: 7,5 kA, Icu: 10 kA

DC ratings:

Ii: 5.5In±20% (B-type)/11In±20% (C-type)/17In±20% (D-type),

Ue: DC 60V/110V/125V (1P appearance)

DC 125V/220V/250V (2P appearance)

DC 330V/375V (3P appearance)

DC 440V/500V (4P appearance)

Ics: 7,5 kA, Icu: 10 kA

For Shunt Release Type Desination MX3 Technical Data:

Rated Control Supply Voltage (Us) : AC110-415V;DC24/48/220V

For Under-voltage Release Type Desination MN3 Technical Data:

Rated Control Supply Voltage (Us) : AC220/230/240V; AC380/400/415V



Date: 2023-11-24

Signature:


Wencai Zhang

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CB TEST CERTIFICATE

Product

Moulded Case Circuit Breaker

Name and address of the applicant

Zhejiang Tengen Electric Co., Ltd.
Sulv Industrial Area, Liushi Town, Yueqing City,
325604 Zhejiang
P.R. China

Name and address of the manufacturer

Zhejiang Tengen Electric Co., Ltd.
Sulv Industrial Area, Liushi Town, Yueqing City,
325604 Zhejiang
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Name and address of the factory

Note: When more than one factory, please report on page 2

Zhejiang Tengen Smart Electrics Co., Ltd
No. 2777 West Zhongshan Road, Xiuzhou District, Jiaxing
314000 Zhejiang
P.R. China

Ratings and principal characteristics

In: 1/2/3/4/5/6/10/16/20/25/32/40/50/63A;
Ii: 6In (for B-type), 10In(for C-type),
14In(for-type); Thermo-magnetic;
Uimp: 6kV, Ui: 1000V; Selectivity Category: A
(for further ratings see page 2)

Trademark / Brand (if any)

Tengen

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

TGB3Z-63 , TGB3Z-63H , TGB3-63L

Additional information (if necessary may also be reported on page 2)

See additional page(s) for further Additional information.
This Certificate is Modification No.1 to CBTC ref. No. HU-004663, dated 2023-11-14, and is issued due to additional model.

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

IEC 60947-2:2016+A1

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

CN230HTV 002

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web: www.tuv.com

Date: 2024-08-28

Signature:



Wencai Zhang

Additional information :

For type TGB3Z-63:

AC ratings:

Ii: 4In±20% (B-type)/8In±20% (C-type)/12In±20% (D-type)

Ue: AC 220V/230V/240V (1P, 1P+N); 50/60Hz

AC 380V/400V/415V (2P, 3P, 3P+N, 4P); 50/60Hz

Ics=Icu: 6 kA

DC ratings:

Ii: 5.5In±20% (B-type)/11In±20% (C-type)/17In±20% (D-type),

Ue: DC 60V/110V/125V (1P appearance)

DC 125V/220V/250V (2P appearance)

DC 330V/375V (3P appearance)

DC 440V/500V (4P appearance)

Ics: 7.5 kA, Icu: 10 kA (1P appearance of DC 60V;

2P appearance of DC 125V);

Ics=Icu: 6 kA (1P appearance of DC 110V/125V;

2P appearance of DC 220V/250V;

3P appearance of DC 330V/375V;

4P appearance of DC 440V/500V)

For type TGB3Z-63H:

AC ratings:

Ii: 4In±20% (B-type)/8In±20% (C-type)/12In±20% (D-type)

Ue: AC 220V/230V/240V (1P, 1P+N); 50/60Hz

AC 380V/400V/415V (2P, 3P, 3P+N, 4P); 50/60Hz

Ics: 7,5 kA, Icu: 10 kA

DC ratings:

Ii: 5.5In±20% (B-type)/11In±20% (C-type)/17In±20% (D-type),

Ue: DC 60V/110V/125V (1P appearance)

DC 125V/220V/250V (2P appearance)

DC 330V/375V (3P appearance)

DC 440V/500V (4P appearance)

Ics: 7,5 kA, Icu: 10 kA

For type TGB3-63L:

Ii: 4In±20% (B-type)/8In±20% (C-type)/12In±20% (D-type)

Ue: AC 220V/230V/240V (1P, 1P+N); 50/60Hz

AC 380V/400V/415V (2P, 3P, 3P+N, 4P); 50/60Hz

Ics: 7,5 kA, Icu: 15 kA

For Shunt Release Type Desination MX3 Technical Data:

Rated Control Supply Voltage (Us) : AC110-415V;DC24/48/220V

For Under-voltage Release Type Desination MN3 Technical Data:

Rated Control Supply Voltage (Us) : AC220/230/240V; AC380/400/415V