



Ref. Certif. No.

HU-005135

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

Zhejiang Tengen Electric Co., Ltd. (Yueqing Economic
Development Zone Branch) No.288 Central Avenue Development
Zone, Yueqing City,
325604 Zhejiang
P.R. China

Note:

Tengen

Ratings and principal characteristics

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

TxMy-abc/defgh(x=G,e; y=5,7; a=125; b=C,L,M,H,S;
c=Blank,P,Z; d=3,3N,4; e=2,3; f=00,08,10,30,20,21,
22,23,18,38,28,68,67,66,40,41,42,43,70,71,72,73,48,
47,46,45,78,77,76,75; g=Blank,2; h=A,B,C,D)

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

CN24NU67 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: 2024-09-14

Signature: Wencai Zhang

10/061SMD 2022-07 rke-fix

Additional information :

Interruption Medium : Air
Electromagnetic Compatibility : Environment A
Number of Poles : 3P, 3N, 4P
Number of Protection Poles : 3, 3, 4
Rated Operation Voltage(Ue) : AC380/400/415V;
AC500/550V;
AC660/690V
Rated Frequency : 50/60Hz
Rated Current of Construction Breaks(Inm) : 125A
Conventional Free Air Thermal Current of Frame Size(Ith):125A
Breaking Capacity Level : C, L, M, H, S
Rated Current Range of Thermo-magnetic Release(In):
Inm:125A:16/20/25/32/40/50/63/80/100/125A
Current Setting of Adjustable Overload Release:(Ir):0.8 to 1.0In
Rated Instantaneous Short-circuit Current Setting:(Ii):
10In(Power distribution), 12In(Motor protection)
Rated Ultimate Short-circuit Breaking Capacity(Icu):
Ue:=AC415V: 36kA(b=C), 50kA(b=L), 85kA(b=M), 100kA(b=H), 150kA(b=S);
Ue:=AC550V: 25kA(b=C), 50kA(b=L), 50kA(b=M), 65kA(b=H), 65kA(b=S);
Ue:=AC690V: 8kA(b=C), 10kA(b=L), 10kA(b=M), 12kA(b=H), 12kA(b=S)
Rated Service Short-circuit Breaking Capacity(Ics):
Ue:=AC415V: 36kA(b=C), 50kA(b=L), 85kA(b=M), 100kA(b=H), 150kA(b=S);
Ue:=AC550V: 25kA(b=C), 50kA(b=L), 50kA(b=M), 65kA(b=H), 65kA(b=S);
Ue:=AC690V: 8kA(b=C), 10kA(b=L), 10kA(b=M), 12kA(b=H), 12kA(b=S)
Pollution Degree : 3
Rated Duty : 8 hours
Suitability for Using in IT System : Yes
Suitability for Isolation : Yes(3P;4P)
Method of Installation : Fixed, Plug-in

Auxiliary and control circuit parameters
Shunt release : Us: AC220/230V, AC380/400V, DC24V
Undervoltage release : Us: AC220/230V, AC380/400V, 50/60Hz
Auxiliary switch or alarm contact circuits : NO or NC, Ui:690V, Ith=3A,
AC-15:AC400V/1.5A, DC-13: DC220V/0.15A