Ref. Certif. No.

HU-005566

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

CB TEST CERTIFICATE

Product	MCCB with CBRs
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 Note: *When more than one factory, please report on page 2*	Zhejiang Tengen Electric Co., Ltd. (Yueqing Economic Development Zone Branch) No.288 Central Avenue Development Zone, Yueqing City, 325604 Zhejiang, P.R. China
Ratings and principal characteristics	In:500/600/630/700/800A; 3P/3N(3P+N)/4P; Ith: 800A; 50/60Hz; Ue: AC380/400/415V; Uimp:8kV; Ui: 1000V; Thermal magnetic or magnetic release Ii: AC:6-10In(power distribution), AC:12In(motor protection); 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.	TGM3Lx-800ya/bcdefg (x=Blank, A; y=L, M, H; a=Blank, P, Z; b=3, 3N, 4; c=2, 3; d=00, 08, 10, 20, 21, 30, 40, 41, 50, 51, 52, 70, 71, 18, 38, 48, 28, 78, 55, 58; e=Blank, 2; f=A, B, C, D; g=Blank, I, II)
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 60947-2:2024
As shown in the Test Report Ref. No. which forms part of this Certificate	CN25QIZM 001

This CB Test Certificate is issued by the National Certification Body

TÜVRheinland®

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

Date: 2025-05-07

Signature: Wencai Zhang

10/061SMD 2024-12 rke-simplified

Additional information :

Interruption Medium :Air
Electromagnetic Compatibility :Environment A
Number of Poles :3P,3P+N,4P
Number of Protection Poles :3, 3, 4
Rated Operation Voltage(Ue) :AC380/400/415V
Rated Frequency :50/60Hz
Conventional Free Air Thermal Current of Frame Size(Ith):800A
Breaking Capacity Level :L, M, H
Rated Current Range of Thermo-magnetic or Magnetic Release(In):
500/600/630/700/800A
Rated Instantaneous Short-circuit Current Setting:(Ii):
6-10In(Power distribution), 12In(Motor protection)
Rated Ultimate Short-circuit Breaking Capacity(Icu):
Ue/AC415V: 50kA(b=L),70kA(b=M),100kA(b=H)
Rated Service Short-circuit Breaking Capacity(Ics):
Ue/AC415V: 50kA(b=L),70kA(b=M), 70kA(b=H)
Classification According to Behaviour in Presence of DC Component ofCBRs:
Type AC or Type A
Rated Residual Operating Current(IΔn):
Time-delay or Non-time-delay(Type AC and Type A):50/100/200/300/500/800/1000mA/OFF
(Each four step adjustable),
Time-delay or Non-time-delay(Type AC):1/3/5/10/30A/OFF
(Each four step adjustable),
Non-time-delay(Type A or Type AC):30mA
Limiting Non-actuating Time:
Non-time-delay:0.3s,
Time-delay: 0.1/0.2/0.4/0.5/1s/OFF(Each four step adjustable)
Maximum Break Time Under Limiting Non-actuating Time:
0.5/0.6/0.8/1/2s (IΔn), 0.5/0.6/0.8/1/2s (2IΔn)
0.3/0.4/0.6/0.8/1.8s(5IΔn), 0.3/0.4/0.6/0.8/1.8s(10IΔn)
Rated residual making and breaking capacity IΔm (A) :25%Icu
Pollution Degree :3
Rated Duty :Uninterrupted work
Suitability for Using in IT System :Yes
Suitability for Isolation :Yes(3P and 4P)
Method of Installation :Fixed, Plug-in

Auxiliary and control circuit parameters
Auxiliary Switch(OF3M40) and Alarm Contact Circuits(SD3M40):
1NO1NC, 2NO2NC; Ui:690V; Ith=5A; Uimp:4kV; AC-15:AC380/400/415V/0.3A; DC-13:
DC110/220/250V/0.15A
Shunt Release(MX3M40):
50/60Hz; Us: AC220/230/240V; AC380/400/415V; DC110V; DC220V; DC24V;Ui:690V;
Uimp:4kV
Undervoltage Release(MN3M40):
50/60Hz; Us: AC220V/230/240V; AC380/400/415V; Ui:690V; Uimp:4kV
Motor Charge and Storage Mechanism(CD3M80):
50/60Hz; Us: AC110/220V; AC230/240V; AC380/400/415V; DC110/220V;DC230/240V;
Ui:690V; Uimp:4kV

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Date: 2025-05-07 Signature: as on page 1