



CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Certificate No.: CE230303008317

Product

Moulded Case Circuit-Breaker

Applicant

Zhejiang Tengen Electric Co.,Ltd.

Sulv Industrial Area, Liushi Town, Yueqing City, Zhejiang
Province, P.R.China

Type/Model

TGM1N-250L/M/H/R,TGMH-250L/M/H/R,TGMK-250L/M
/H/R,TGMG-250L/M/H/R,TGMD-250L/M/H/R,
TGM1N-320L/M/H/R,TGMH-320L/M/H/R,TGMK-320L/M
/H/R,TGMG-320L/M/H/R,TGMD-320L/M/H/R;

Technical data

See the Appendix

This is to certify that, on the basis of the tests undertaken as per Report No.
00901-CE2022CQC0303-012866, the submitted sample(s) of the above item complies
with:

EN 60947-2:2017/A1:2020;EN 60947-2:2017

and fulfills testing requirements of the European Directive:

2014/35/EU

This report is to verify the compliance of the sample submitted by the manufacturer only,
and does not include the manufacturing process. Users shall affix the mark in accordance
with the related legislation.

Valid from: Jun.20,2023

Valid until: Jun.19,2026

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

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Appendix

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TGM1N-250L/M/H/R, TGMH-250L/M/H/R, TGMK-250L/M/H/R, TGMG-250L/M/H/R, TGMD-250L/M/H/R,
TGM1N-320L/M/H/R, TGMH-320L/M/H/R, TGMK-320L/M/H/R, TGMG-320L/M/H/R, TGMD-320L/M/H/R;
Uimp: 12kV;
Ui: 1000V;
Ue: AC230/240V(Only 2P), AC380/400/415V, AC660/690V(Except 2P);
In: TGM1N/TGMH/TGMK/TGMG/TGMD-250L/M/H/R:
100A, 125A, 140A, 150A, 160A, 170A, 180A, 200A, 225A, 250A;
TGM1N/TGMH/TGMK/TGMG/TGMD-320L/M/H/R:
100A, 125A, 140A, 150A, 160A, 170A, 180A, 200A, 225A, 250A, 270A, 280A, 300A, 315A, 320A;
Over-current release: Thermo-magnetic;
Ics: AC230/240V: 35kA(Type L), 50kA(Type M);
AC380/400/415V: 25kA(Type L), 35kA(Type M), 50kA(Type H), 65kA(Type R);
AC660/690V: 8kA(Type L), 8kA(Type M), 10kA(Type H), 10kA(Type R);
Icu: AC230/240V: 50kA(Type L), 70kA(Type M);
AC380/400/415V: 35kA(Type L), 50kA(Type M), 70kA(Type H), 85kA(Type R);
AC660/690V: 10kA(Type L), 10kA(Type M), 10kA(Type H), 20kA(Type R);
Selectivity category: A;
2P(Only Type L/M), 3P, 3P+N(3 protected poles with an uninterrupted pole), 4P;
Suitable for isolation(Except 3P+N);
50/60Hz;
IP20;
Electronic Accessories complied with Annex N:
Shunt release FT: AC220/230/240V, AC380/400/415V;
Undervoltage release QT: AC220/230/240V, AC380/400/415V;
Electric operator CD2: AC220/230/240V, AC380/400/415V;
Auxiliary contacts (1NO1NC, 2NO2NC, 4NO4NC):
Ith: 3A;
AC-15: Ue/Ie: AC380/400/415V/0.3A;
DC-13: Ue/Ie: DC110/220/250V/0.15A



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