



CHINA QUALITY CERTIFICATION CENTRE
CERTIFICATE OF CONFORMITY

Certificate No.: CE190303006469

Product

Moulded Case Circuit-breakers

Applicant

Zhejiang Tengen Electric Co.,Ltd.

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

Type/Model

TGM1N-160L, TGM1N-160M, TGM1N-160H,
TGM1N-160R

Technical data

See the Appendix

This is to certify that, on the basis of the tests undertaken as per Report No.
00901-CE2016CQC0303-008418, the submitted sample(s) of the above item complies
with:

EN 60947-2:2006 + A1:2009 + A2:2013

and fulfills testing requirements of the European Directive:

Low Voltage Directive (LVD): 2014/35/EU

Valid from: Sep.20,2019

Valid until: Sep.20,2022

President:

Lu Mei



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TGM1N-160L, TGM1N-160M, TGM1N-160H, TGM1N-160R

Uimp:8kV;

Ui:1000V;

Uc:AC230/240V(Only 2P), AC380/400/415V,AC660/690V(Except 2P);

In:16A,20A,25A,32A,40A,50A,60A,63A,70A,75A,80A,100A,125A,140A,150A,160A;

TMU;

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;

50/60Hz;

2P(Only L/M Type),3P,3P+N(3 protected poles with an uninterrupted neutral pole),4P;

IP20;

Suitable for insulation(except for 3P+N);

Auxiliary contact OF-M, Alarm contact SD-M (1NO1NC,2NO2NC,4NO4NC):

Ui:690V;

Ith: 3A;

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Ue/Ie:AC-15: AC380/400/415V/0,3A; DC-13: DC110/220/250V/0,15A;

Accessories with electronic circuits:

Undervoltage release(QT): AC220/230/240V,AC380/400/415V;

Shunt release(FT): AC220/230/240V,AC380/400/415V;

Motor operator (CD2): AC220/230/240V,AC380/400/415V

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