



CHINA QUALITY CERTIFICATION CENTRE CERTIFICATE OF CONFORMITY

Certificate No.: CE230303008320

Product Circuit-breaker Incorporating Residual Current Protective

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

Type/Model TGM1NL...-400L,TGM1NL...-400M,TGMKL...-400L,TG
MKL...-400M,TGMGL...-400L,TGMGL...-400M,
TGMHL...-400L,TGMHL...-400M,TGM1NL...-630L,TG
M1NL...-630M,TGMKL...-630L,TGMKL...-630M,
TGMGL...-630L,TGMGL...-630M,TGMHL...-630L,TGM
HL...-630M;

Technical data See the Appendix

This is to certify that, on the basis of the tests undertaken as per Report No.
00901-CE2022CQC0303-012910, 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:

谢肇煦



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TGM1NL...-400L,TGM1NL...-400M,TGMKL...-400L,TGMKL...-400M,TGMGL...-400L,TGMGL...-400M,TGMHL...-400L,TGMHL...-400M,TGM1NL...-630L,TGM1NL...-630M,TGMKL...-630L,TGMKL...-630M,TGMGL...-630L,TGMGL...-630M,TGMHL...-630L,TGMHL...-630M;

Uimp:8kV;Ui:800V;Ue: AC380/400/415V;

In:

200/225/250/280/300/315/320/350/380/400A(TGM1NL...-400L,TGM1NL...-400M,TGMKL...-400L,

TGMKL...-400M,TGMGL...-400L,TGMGL...-400M,TGMHL...-400L,TGMHL...-400M),
200/225/250/280/300/315/320/350/380/400/450/500/550/600/630A(TGM1NL...-630L,TGM1NL...-630M,

TGMKL...-630L,TGMKL...-630M,TGMGL...-630L,TGMGL...-630M,TGMHL...-630L,TGMHL...-630M);

Type of Over-current Release: Thermo-magnetic, Electro-magnetic

Type L: I_{cu}=50kA , I_{cs}=36kA;

Type M: I_{cu}=75kA , I_{cs}=50kA;

Time-delay type, Non-time-delay type;

I Δ n:30(non-time delay only)/50/75/100/150/200/300/400/500/600/800/1000mA(Grading adjustment or fixed first gear)

Residual current operation Type: Type AC, Type A;

Residual current Release Type: Electronic;

I Δ m: 25%I_{cu};

Selectivity category:A;

Poles: 3P,3P+N(3 protected poles with an uninterrupted neutral pole),4P(3 protected poles with a switched neutral pole),4P;

IP20;

suitable for insulation(except 3P+N);50/60Hz;

Auxiliary contacts:OF-M3 , Alarm contacts: SD-M3:1NO1NC,2NO2NC,4NO4NC;

I_{th}:6A;

AC-15:AC380/400/415V/1A;

DC-13:DC110/220/250V/0.15A;



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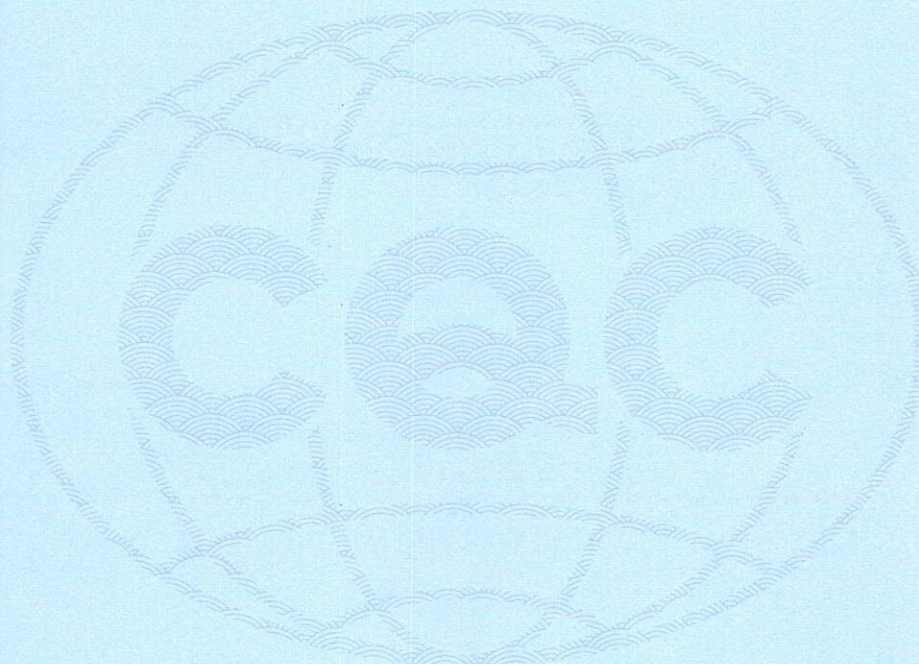
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Electronic Accessories complied with Annex N:

Undervoltage release:QT:Us: AC220/230/240V,AC380/400/415V,50/60Hz;

Motor operator:CD2:Us:AC220/230/240V,AC380/400/415V,50/60Hz;

Alarm but no tripping: Us:DC24V,AC220/230/240V,AC380/400/415V,50/60Hz



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