



Product Service

# Attestation of Conformity

No. N8A 105620 0072 Rev. 00

**Holder of Attestation:** **Zhejiang Tengen Electric Co., Ltd.**

Sulv Industrial Area, Liushi Town  
325604 Yueqing City  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Moulded case circuit breaker**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 874102601175-00

**Date,** 2026-04-28

( Hongbo Zhu )

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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**Model(s):****TGMx-1000yz/abccdefgggghhhhhhi****TG stands for company code.****M stands for moulded case circuit breaker.****'x' may be 1N, K, G, H; stands for design code.****1000 stands for frame size current (A).****'y' may be L, M, H; stands for breaking capacity class, L means standard breaking type, M means higher breaking type, H means highest breaking type.****'z' may be Blank, P, Z; stands for operating method, Blank means directly operate with operating handle, P means motor operating, Z means rotating operation handle operating.****'a' may be 3, 3N, 4; stands for pole number, 3 means 3P, 3N means 3P+N, 4 means 4P.****'b' may be 2, 3; stands for release type, 2 means instantaneous release, 3 means thermo-magnetic release.****'cc' may be 00, 08, 10, 20, 30, 40, 50, 60, 70, 18, 28, 38, 48, 68, 78; stands for fitted accessories, 00 means without accessory, 08 means alarm contacts, 10 means SHT release, 20 means auxiliary contacts, 30 means UVT release, 40 means SHT release + auxiliary contacts, 50 means SHT release + UVT release, 60 means 2 auxiliary contacts, 70 means auxiliary contacts + UVT release, 18 means SHT release + alarm contacts, 28 means auxiliary contact + alarm contacts, 38 means UVT release + alarm contacts, 48 means SHT release + auxiliary contacts + alarm contacts, 68 means 2 auxiliary & alarm contacts, 78 means auxiliary contacts + UVT release + alarm contacts.****'d' may be Omit, 2; stands for usage code, Omit means power distribution use, 2 means motor protection use.**

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‘e’ may be A, B, C, D; stands for N pole type code, A means N pole without overcurrent release, uninterruptable, not operating together with other poles; B means N pole without overcurrent release, operating together with other poles (N pole make fist-break last); C means N pole with overcurrent release, operating together with other poles (N pole make fist-break last); D means N pole with overcurrent release, uninterruptable, not operating together with other poles.

‘f’ may be Omit, F, III; stands for additional information, Omit means without, F means prepayment, III means overload alarm without trip.

‘gggg’ may be 800, 900, 1000; means rated current in ampere.

‘hhhhh’ may be AC230V, AC400V; stands for accessory voltage code.

‘i’ may be Omit, B, C; stands for mounting code, Omit means fixed in front of panel, B means fixed behind panel, C means plug in type.

Remark: variable ‘fgggghhhhi’ may not indicate on marking plate.

## Parameters:

Rated impulse withstand voltage ( $U_{imp}$ ):	12kV
Rated insulation voltage ( $U_i$ ):	1000V
Rated operational voltage ( $U_e$ ):	AC380V/400V/415V, AC660V/AC690V
Rated frequency:	50/60Hz
Rated current ( $I_n$ ):	800A, 900A, 1000A
Rated service short-circuit breaking capacity ( $I_{cs}$ ):	See below table 1
Rated ultimate short-circuit breaking capacity ( $I_{cu}$ ):	See below table 1
Selectivity category:	A

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Type of overcurrent release:	Thermal magnetic type
Number of poles:	3P, 3P+N, 4P
Suitable for isolation:	Yes, except 3P+N products
Suitable for IT system:	Not suitable
Information of attached accessories:	Auxiliary contact: OF-M 1NO1NC, 2NO2NC, 4NO4NC U <sub>i</sub> : 690V, U <sub>imp</sub> : 4kV, I <sub>th</sub> : 6A AC-15: AC380/400/415V/1A; DC-13: DC110/220/250V/0.15A. Electric operator: LCD2 U <sub>s</sub> : AC220/230/240V, AC380/400/415V. Shunt release: AC220/230/240V, AC380/400/415V, DC24V, DC110V, DC220V. Under voltage release: AC220/230/240V, AC380/400/415V.

Table 1:

U <sub>e</sub>	I <sub>cs</sub> / I <sub>cu</sub> (kA)		
	L	M	H
AC380V/400V/415V	35 / 50	50 / 70	75 / 100
AC660V/690V	15 / 15	15 / 20	15 / 20

**Tested according to:**

EN 60947-2:2017/A1:2020

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