



Product Service

Attestation of Conformity

No. N8A 105620 0010 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

Test report no.: 874102313601-00

Date, 2023-04-28

(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.

**TUV®**



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Model(s):

TGMxLy-zuvw/abcdefh

“TG” means company code

“M” means MCCB

“x” means design code, may be 1N, K, G or H

“L” means residual current protection

“y” means residual current has a DC component code, may be blank or A

“z” means frame size of current break code, may be 125 or 160

“u” means short-circuit breaking capacity code, may be C, L or M

“v” means method of operation code, may be Z, P or blank

“w” means the function of residual current protection shut off code, may be G or blank

“a” means number of poles code, may be 1N, 2, 3, 3N or 4

“b” means type of release code, may be 2 or 3

“c” means accessory code, may be 00, 08, 10, 10F, 20, 30, 40, 50, 60, 70, 18, 28, 38, 48, 58, 68, 78

“d” means application code, may be 2 or blank

“e” means N pole code for 3N and 4 poles product, may be A, B, C or D

“f” means the derived code, may be T or blank

“h” means residual alarm and tripping status code, may be I, II or blank

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Parameters:

Rated impulse withstand voltage (Uimp):	8kV
Rated insulation voltage (Ui):	690V (1P+N, 2P) 800V (3P, 3P+N, 4P)
Rated operational voltage (Ue):	AC220V, AC230V, AC240V (1P+N, 2P) AC380V, AC400V, AC415V (3P, 3P+N, 4P)
Rated current (In):	16A, 20A, 25A, 30A, 32A, 40A, 50A, 60A, 63A, 65A, 70A, 75A, 80A, 90A, 100A, 110A, 125A (for "z"=125) 16A, 20A, 25A, 30A, 32A, 40A, 50A, 60A, 63A, 70A, 75A, 80A, 100A, 125A, 140A, 150A, 160A (for "z"=160)
Rated service short-circuit breaking capacity (Ics):	18kA (for breaking capacity type C) 26kA (for breaking capacity type L) 36kA (for breaking capacity type M)
Rated ultimate short-circuit breaking capacity (Icu):	25kA (for breaking capacity type C) 35kA (for breaking capacity type L) 50kA (for breaking capacity type M)
Selectivity category:	A
Type of overcurrent release:	Thermal-magnetic, electro-magnetic
Suitable for isolation:	Yes
Number of poles:	1P+N, 2P, 3P, 3P+N, 4P
Rated frequency:	50/60Hz
Rated residual operating current I _{Δn} :	30mA, 50mA, 75mA, 100mA, 150mA, 200mA, 300mA, 400mA, 500mA, 600mA, 800mA, 1000mA
Type of residual operating characteristics:	Type A, Type AC
Rated residual short-circuit making and breaking capacity I _{Δm} :	25%Icu
Remark:	Auxiliary contacts and alarm contact: OF-M, SD-M 1NO1NC, 2NO2NC, 4NO4NC; Ith: 3A, Ui: 690V, Uimp: 4kV; AC-15: AC380/400/415V, 0,3A; DC-13: DC110/220/250V, 0,15A; Accessories with electronic circuits: Undervoltage release: Us: AC220/230/240V, AC380/400/415V; Electric Operator: Us: AC220/230/240V, AC380/400/415V; Shunt release: Us: AC220/230/240V, AC380/400/415V, DC24V, DC110V, DC220V

**Tested
according to:**

EN 60947-2:2017/A1:2020

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