



Product Service

Attestation of Conformity

No. N8A 105620 0035 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.: 874102500526-00

Date, 2025-04-15

(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): TeM7E-125, TeM7E-160, TeM7E-250

Parameters:

Rated impulse withstand voltage (U_{imp}):	8kV
Rated insulation voltage (U_i):	800V
Rated operational voltage (U_e):	AC380V/AC400V/AC415V, AC500V/AC550V, AC660V/AC690V
Rated frequency:	50/60Hz
Rated current (I_n):	TeM7E-125: 50A, 56A, 63A, 70A, 75A, 80A, 90A, 100A, 112A, 125A (adjustable); TeM7E-160: 63A, 70A, 75A, 80A, 90A, 100A, 112A, 125A, 140A, 160A (adjustable) TeM7E-250: 100A, 112A, 125A, 140A, 150A, 160A, 180A, 200A, 225A, 250A (adjustable)
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
Type of overcurrent release:	Electronic
Number of poles:	3P, 3P+N (3 protected pole, non-switched N pole), 4P, 4P (3 protected pole, switched N pole)
Suitable for isolation:	Yes, except 3P+N products
Suitable for IT system:	Yes
Information of attached accessories:	Auxiliary / alarm contacts matched: 1NO1NC, 2NO2NC U_i : 400V, U_{imp} : 4kV, I_{th} : 3A AC-15: AC400V/1,5A; DC-13: DC220V/0,15A Electrical operator: U_i : 400V, U_{imp} : 4kV, U_s : DC24V, DC110V, DC220V, AC110V, AC230V, AC400V Shunt release: U_i : 400V, U_{imp} : 4kV, U_s : DC24V, DC48V, DC110V, DC220V, AC220/230V, AC380/400V Undervoltage release: U_i : 500V, U_{imp} : 6kV, U_s : AC220/230V, AC380/400V 50/60Hz for AC

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Table 1:

U _e	I _{CS} =I _{CU} , relate to breaking capacity type				
	L	M	H	S	R
AC380V/400V/415V	50kA	85kA	100kA	150kA	160kA
AC500V/550V	50kA	50kA	70kA	70kA	85kA
AC660V/690V	20kA	20kA	40kA	40kA	50kA

**Tested
according to:**

EN 60947-2:2017/A1:2020

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