



Product Service

CERTIFICATE

No. B 105620 0028 Rev. 00

Holder of Certificate: Zhejiang Tengen Electric Co., Ltd.
Sulv Industrial Area, Liushi Town
325604 Yueqing City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Moulded case circuit breaker

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 874102500510-00

Valid until: 2030-03-24

Date, 2025-03-25

(Hongbo Zhu)

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Model(s): **TeM7-125, TeM7-125HU,
TeM7-250, TeM7-250HU**

Parameters:

Rated impulse withstand voltage (U_{imp}):	8kV
Rated insulation voltage (U_i):	1250V
Rated operational voltage (U_e):	TeM7-125, TeM7-250: AC380V/AC400V/AC415V, AC500V/AC550V, AC660V/AC690V; TeM7-125HU, TeM7-250HU: AC690V /AC800V
Rated frequency:	50/60Hz
Rated current (I_n):	TeM7-125, TeM7-125HU: 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A; TeM7-250, TeM7-250HU: 125A, 160A, 180A, 200A, 225A, 250A
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:	Thermal-magnetic type, electro-magnetic type
Number of poles:	3P, 3P+N (3 protected phase poles + non-switched N pole), 3P+N (4 protected poles + non-switched N pole), 4P (3 protected pole, switched N pole), 4P
Suitable for isolation:	Yes, except 3P+N products
Suitable for IT system:	Yes, except AC690V/800V products
Information of accessories:	Auxiliary / alarm contact 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_s : DC24V, DC110V, DC220V, AC110V, AC230V, AC400V; 50/60Hz Shunt release, undervoltage release: U_s : AC230V, AC400V; 50/60Hz

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Table 1:

Model	U_e	Breaking capacity type	I_{cs} (kA)	I_{cu} (kA)
TeM7-125 TeM7-250	AC380/400/415V	L	50	50
		M	85	85
		H	100	100
		S	150	150
		R	200	200
	AC500/550V	L	50	50
		M	50	50
		H	70	70
		S	70	70
		R	85	85
	AC660/690V	L	20	20
		M	20	20
		H	40	40
		S	50	50
		R	50	50
TeM7-125HU TeM7-250HU	AC690V/800V	M	30	30
		H	36,5	50
		S	50	50

Tested according to: EN 60947-2:2017/A1:2020