



Ref. Certif. No.

SG PSB-PW-00034

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Moulded case circuit breaker
Name and address of the applicant	Zhejiang Tengen Electric Co., Ltd. Sulv Industrial Area, Liushi Town 325604 Yueqing City PEOPLE'S REPUBLIC OF CHINA
Name and address of the manufacturer	Zhejiang Tengen Electric Co., Ltd. Sulv Industrial Area, Liushi Town, 325604 Yueqing City, PEOPLE'S REPUBLIC OF CHINA
Name and address of the factory	Zhejiang Tengen Electric Co., LTD (Yueqing Economic Development Zone Branch) No.288 Central Avenue Development Zone, 325604 Yueqing City, Zhejiang, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	Details please see page 2 to 3
Trademark / Brand (if any)	TENGEN
Model/type Ref.	TeM7-400, TeM7-630, TeM7-400HU, TeM7-630HU
A sample of the product was tested and found to be in conformity with	IEC 60947-1:2007 IEC 60947-1:2007/AMD1:2010 IEC 60947-1:2007/AMD2:2014 IEC 60947-2:2016 IEC 60947-2:2016/AMD1:2019
as shown in the Test Report Ref. No. which forms part of this certificate	250FYY39007

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This CB Test Certificate is issued by the National Certification Body

CBS 105620 0041 Rev. 00

Date, 2025-06-24

(Hongbo Zhu)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937



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IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

Trademark / Brand (Image)


Ratings and principal characteristics

Rated impulse withstand voltage (U_{imp}):	12kV
Rated insulation voltage (U_i):	1250V
Rated operational voltage (U_e):	TeM7-400, TeM7-630: AC380V/AC400V/AC415V, AC500V/AC550V, AC660V/AC690V; TeM7-400HU, TeM7-630HU: AC690V /AC800V
Rated frequency:	50/60Hz
Rated current (I_n):	TeM7-400, TeM7-400HU: 250A, 315A, 320A, 350A, 400A; TeM7-630, TeM7-630HU: 400A, 500A, 630A
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, 3NO3NC, 4NO4NC 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	Rated voltage	Breaking capacity type	I_{cs} (kA)	I_{cu} (kA)
TeM7-400 TeM7-630	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
TeM7-400HU TeM7-630HU	AC690V/800V	M	40	40
		H	50	50



(Hongbo Zhu)