



Ref. Certif. No.

SG PSB-PW-00036

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

CB TEST CERTIFICATE

Product	Air 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.	TeW5-1600, TeW5-1600/4, TeW5-1600C, TeW5-1600C/4, TeW5-1600Y, TeW5-1600Y/4
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	250FYY39002

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This CB Test Certificate is issued by the National Certification Body

CBS 105620 0040 Rev. 00

Date, 2025-06-30

(Hongbo Zhu)

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



PSB Singapore

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Trademark / Brand (Image)



Ratings and principal characteristics

Rated impulse withstand voltage (U_{imp}):	12kV
Rated insulation voltage (U_i):	1000V
Rated operational voltage (U_e):	AC380/400/415V, AC660/690V
Rated frequency:	50/60Hz
Rated current (I_n):	200A, 400A, 630A, 800A, 1000A, 1250A, 1600A
Rated service short-circuit breaking capacity (I_{cs}):	See table 1
Rated ultimate short-circuit breaking capacity (I_{cu}):	See table 1
Rated short-time withstand current (I_{cw}):	See table 1
Selectivity category:	B
Type of overcurrent release:	Electronic type
Number of poles:	3P (for TeW5-1600, TeW5-1600C, TeW5-1600Y), 4P (for TeW5-1600/4, TeW5-1600C/4, TeW5-1600Y/4)
Suitable for isolation:	Yes
Suitable for IT system:	Yes
Information of control circuits, electrical operator:	U_i : 415V, U_{imp} : 4kV U_s : AC220/230/240V, AC380/400/415V, 50/60Hz; DC220V, DC110V
Information of auxiliary circuit:	4NO4NC, 5NO5NC, 6NO6NC U_i : 400V, U_{imp} : 4kV, I_{th} : 6A AC-15: AC400V/0.9A, AC230V/1.5A DC-13: DC220V/0.27A, DC110V/0.55A
Information of other accessories:	Shunt release: U_i : 415V, U_{imp} : 4kV, U_s : AC220/230/240V, AC380/400/415V, 50/60Hz; DC110V, DC220V Undervoltage release: U_i : 690V, U_{imp} : 8kV, U_s : AC220/230/240V, AC380/400/415V; 50/60Hz

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Table 1:

Models	U_e (VAC)	I_{cs} (kA)	I_{cu} (kA)	I_{cw} (kA / s)
TeW5-1600 TeW5-1600/4	380/400/415	67	67	55 / 1 30 / 3
	660/690	50	50	42 / 1 30 / 3
TeW5-1600C TeW5-1600C/4	380/400/415	55	60	50 / 1
	660/690	42	42	36 / 1
TeW5-1600Y TeW5-1600Y/4	380/400/415	50	50	50 / 1
	660/690	50	50	50 / 1

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