



Ref. Certif. No.

SG PSB-PW-00033

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.	TeW5-2000Y, TeW5-2000C, TeW5-2000, TeW5-2000Y/4, TeW5-2000C/4, TeW5-2000/4, TeW5-2500Y, TeW5-2500C, TeW5-2500, TeW5-2500Y/4, TeW5-2500C/4, TeW5-2500/4
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	250FYY39003

Page 1 of 3

This CB Test Certificate is issued by the National Certification Body

CBS 105620 0038 Rev. 00

Date, 2025-06-12

(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):	1250V
Rated operational voltage (U_e):	AC380/400/415V, AC440/660/690V
Rated frequency:	50/60Hz
Rated current (I_n):	400A, 630A, 800A, 1000A, 1250A, 1600A, 1900A, 2000A (for models TeW5-2000Y, TeW5-2000C, TeW5-2000, TeW5-2000Y/4, TeW5-2000C/4, TeW5-2000/4); 400A, 630A, 800A, 1000A, 1250A, 1600A, 1900A, 2000A, 2500A (for models TeW5-2500Y, TeW5-2500C, TeW5-2500, TeW5-2500Y/4, TeW5-2500C/4, TeW5-2500/4)
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 TeW5-2000Y, TeW5-2000C, TeW5-2000, TeW5-2500Y, TeW5-2500C, TeW5-2500), 4P (for TeW5-2000Y/4, TeW5-2000C/4, TeW5-2000/4, TeW5-2500Y/4, TeW5-2500C/4, TeW5-2500/4)
Suitable for isolation:	Yes
Suitable for IT system:	Yes

Page 2 of 3

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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, 6NO6NC, 8NO8NC, 10NO10NC
 U_i : 400V, U_{imp} : 4kV, I_{th} : 10A
 AC-15: AC400V/2A
 DC-13: DC250V/0.3A

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

Table 1:

Models	U_e (VAC)	I_{cs} (kA)	I_{cu} (kA)	I_{cw} (kA / s)
TeW5-2000 TeW5-2000/4 TeW5-2500 TeW5-2500/4	380/400/415	85	100	85 / 1 50 / 3
	440/660/690	75	75	75 / 1 50 / 3
TeW5-2000C TeW5-2000C/4 TeW5-2500C TeW5-2500C/4	380/400/415	85	85	70 / 1
	440/660/690	66	66	66 / 1
TeW5-2000Y TeW5-2000Y/4 TeW5-2500Y TeW5-2500Y/4	380/400/415	66	66	66 / 1
	440/660/690	55	55	55 / 1



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