



Ref. Certif. No.

SG PSB-PW-00028

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.	TeW5-6300C, TeW5-6300, TeW5-6300C/4, TeW5-6300/4
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	250FYY39005

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This CB Test Certificate is issued by the National Certification Body

CBS 105620 0036 Rev. 00

Date, 2025-05-29

(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):	1500V
Rated operational voltage (U_e):	See table 1
Rated frequency:	50/60Hz
Rated current (I_n):	4000A, 4900A, 5000A, 5900A, 6300A
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 TeW5-6300C, TeW5-6300); 4P (for TeW5-6300C/4, TeW5-6300/4)
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, 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

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Table 1:

Models	U_e (VAC)	I_{cs} (kA)	I_{cu} (kA)	I_{cw} (kA / s)
TeW5-6300 TeW5-6300/4	380/400/415	135	135	135 / 1
	660/690	120	120	120 / 1
TeW5-6300C TeW5-6300C/4	380/400/415	120	120	120 / 1
	440/660/690	100	100	100 / 1



(Hongbo Zhu)