



Product Service

CERTIFICATE

No. B 105620 0024 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: Air 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.: 874102500531-00

Valid until: 2030-03-31

Date, 2025-04-01

(Hongbo Zhu)



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Model(s): 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

Parameters:

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):	TeW5-2000Y, TeW5-2000C, TeW5-2000 TeW5-2000Y/4, TeW5-2000C/4, TeW5-2000/4: 400A, 630A, 800A, 1000A, 1250A, 1600A, 1900A, 2000A; TeW5-2500Y, TeW5-2500C, TeW5-2500, TeW5-2500Y/4, TeW5-2500C/4, TeW5-2500/4: 400A, 630A, 800A, 1000A, 1250A, 1600A, 1900A, 2000A, 2500A
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
Information of control circuits, electrical operator:	U_i : 415V, U_{imp} : 4kV U_s : AC220/230/240V, AC380/400/415V, 50/60Hz; DC220V, DC110V

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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	380/400/415	85	100	85 / 1 50 / 3
TeW5-2500 TeW5-2500/4	440/660/690	75	75	75 / 1 50 / 3
TeW5-2000C TeW5-2000C/4	380/400/415	85	85	70 / 1
TeW5-2500C TeW5-2500C/4	440/660/690	66	66	66 / 1
TeW5-2000Y TeW5-2000Y/4	380/400/415	66	66	66 / 1
TeW5-2500Y TeW5-2500Y/4	440/660/690	55	55	55 / 1

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