



Product Service

CERTIFICATE

No. B 105620 0020 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.: 874102500530-00

Valid until: 2030-04-07

Date, 2025-04-08

(Hongbo Zhu)

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Model(s): TeW5-1600, TeW5-1600/4, TeW5-1600C, TeW5-1600C/4, TeW5-1600Y, TeW5-1600Y/4

Parameters:

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

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