



Product Service

# CERTIFICATE

No. B 105620 0022 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 874102500532-00

**Valid until:** 2030-04-16

**Date,** 2025-04-17

( Hongbo Zhu )

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**Model(s):** **TeW5-3200Y, TeW5-3200C, TeW5-3200  
TeW5-3200Y/4, TeW5-3200C/4, TeW5-3200/4  
TeW5-4000Y, TeW5-4000C, TeW5-4000  
TeW5-4000Y/4, TeW5-4000C/4, TeW5-4000/4**

## 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 ( $I_n$ ):                                     | TeW5-3200Y, TeW5-3200C, TeW5-3200, TeW5-3200Y/4, TeW5-3200C/4, TeW5-3200/4: 2000A, 2500A, 2900A, 3200A; TeW5-4000Y, TeW5-4000C, TeW5-4000, TeW5-4000Y/4, TeW5-4000C/4, TeW5-4000/4: 2000A, 2500A, 2900A, 3200A, 3600A, 3900A, 4000A |
| 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 TeW5-3200Y, TeW5-3200C, TeW5-3200, TeW5-4000Y, TeW5-4000C, TeW5-4000);<br>4P (for TeW5-3200Y/4, TeW5-3200C/4, TeW5-3200/4, TeW5-4000Y/4, TeW5-4000C/4, TeW5-4000/4)                                                         |
| Suitable for isolation:                                      | Yes                                                                                                                                                                                                                                 |
| Suitable for IT system:                                      | Yes                                                                                                                                                                                                                                 |
| Information of control circuits, electrical operator:        | $U_i$ : 415V, $U_{imp}$ : 4kV<br>$U_s$ : AC220/230/240V, AC380/400/415V, 50/60Hz;<br>DC220V, DC110V                                                                                                                                 |
| Information of auxiliary circuit:                            | 4NO4NC, 6NO6NC, 8NO8NC, 10NO10NC<br>$U_i$ : 400V, $U_{imp}$ : 4kV, $I_{th}$ : 10A<br>AC-15: AC400V/2A<br>DC-13: DC250V/0.3A                                                                                                         |

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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) |
|--------------|-------------|---------------|---------------|-------------------|
| TeW5-3200    | 380/400/415 | 100           | 100           | 100 / 1           |
| TeW5-3200/4  |             |               |               | 65 / 3            |
| TeW5-4000    | 440/660/690 | 85            | 85            | 85 / 1            |
| TeW5-4000/4  |             |               |               | 65 / 3            |
| TeW5-3200C   | 380/400/415 | 85            | 85            | 85 / 1            |
| TeW5-3200C/4 |             |               |               |                   |
| TeW5-4000C   | 440/660/690 | 75            | 75            | 75 / 1            |
| TeW5-4000C/4 |             |               |               |                   |
| TeW5-3200Y   | 380/400/415 | 70            | 70            | 70 / 1            |
| TeW5-3200Y/4 |             |               |               |                   |
| TeW5-4000Y   | 440/660/690 | 66            | 66            | 66 / 1            |
| TeW5-4000Y/4 |             |               |               |                   |

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