



Product Service

# CERTIFICATE

No. B 105620 0067 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:** **Automatic transfer switching equipment**

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.:** 874102506573-00

**Valid until:** 2031-03-03

**Date,** 2026-03-04

( Hongbo Zhu )



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## Model(s):

TGQ3-250/xyzuvwa

TGQ3-250 means basic model

'x' means number of poles code, may be 2, 3 or 4

'y' means construction code, may be Y or blank

'z' means type of controller code, may be A, B or C

'u' means controller operating mode code, may be F or blank

'v' means type of transfer code, may be S or blank

'w' means function of communication mode, may be T or blank

'a' means customer code, maybe followed by additional letters, numbers or blank, not affect the construction and performance

## Parameters:

Rated insulation voltage $U_i$ :	800V (for main circuit), 400V (for control circuit)
Rated impulse withstand voltage $U_{imp}$ :	8kV (for main circuit), 2,5kV (for control circuit)
Rated operational voltage $U_e$ :	AC230V ('x'=2), AC400/415V ('x'=3, 4)
Rated frequency:	50/60Hz ('z'=C), 50Hz ('z'=A, B)
Rated operational current $I_e$ :	125A, 140A, 160A, 180A, 200A, 225A, 250A
Number of poles:	2P, 3P, 4P
Class of equipment:	Class PC
Method of controlling:	ATSE
Utilization category:	AC-33B
Rated short-time withstand current ( $I_{cw}$ ):	10kA/30ms
Rated conditional short-circuit current ( $I_q$ ):	120kA
Rated short-circuit making capacities ( $I_{cm}$ ):	17kA
Degree of protection:	IP20 after installation

**Tested according to:** EN IEC 60947-6-1:2023