



Product Service

Attestation of Conformity

No. N8A 105620 0056 Rev. 00

Holder of Attestation: **Zhejiang Tengen Electric Co., Ltd.**

Sulv Industrial Area, Liushi Town
325604 Yueqing City
PEOPLE'S REPUBLIC OF CHINA

Product: **Contactors**
AC contactors

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 874102505128-00

Date, 2026-01-02

(Hongbo Zhu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): TGCx-25yyz, TGCx-32yyz, TGCx-38yyz
 'x' may be 1, G, JH, K stands for product code.
 'yy' may be 10, 01 or Omit, stands for auxiliary contacts form;
 10 means one normal open auxiliary contact,
 01 means one normal close auxiliary contact.
 'z' may be N or Blank, stands for contractor type;
 N means reversible contactor,
 Blank means ordinary contactor

Parameters:

Main circuits:

Rated insulation voltage U_i :	690V
Rated impulse withstand voltage U_{imp} :	6kV
Rated operational voltage U_e :	AC220V/230V, AC380V/400V, AC660V/690V
Rated frequency:	50/60Hz
Rated operational current I_e :	See table 1, 2, 3
Utilization category:	See table 1, 2, 3
Conventional free air thermal current I_{th} :	32A (for TGCx-25yyz), 40A (for TGCx-32yyz), 50A (for TGCx-38yyz)
Rated conditional short-circuit current I_q :	50kA
Type of co-ordination:	Type 2
Number of poles:	3P
Pollution degree:	3
Protection degree:	IP20 (after installation)
Suitable for isolation:	Not suitable
Coil insulation class:	Class H
Rated control circuit supply voltage U_s :	AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50Hz, 50/60Hz

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Auxiliary circuits:

Rated insulation voltage U_i :	690V
Rated impulse withstand voltage U_{imp} :	6kV
Conventional free air thermal current I_{th} :	10A
Rated operational voltage U_e :	AC220/230V, AC380/400V, DC220V
Rated operational current I_e :	1.6A (for AC220/230V), 0.95A (for AC380/400V); 0.15A for (DC220V)
Utilization category:	AC-15, DC-13
Rated conditional short-circuit current:	1000A

Table 1: ratings of TGCx-25yyz series

Models	Utilization category	U_e	I_e
TGCx-25yy	AC-3	AC220/230V	25A
		AC380/400V	25A
		AC660/690V	18A
TGCx-25yy TGCx-25yyN	AC-4	AC220/230V	8.5A
		AC380/400V	8.5A
		AC660/690V	4.4A
	AC-1	AC220/230V	32A
		AC380/400V	32A

Table 2: ratings of TGCx-32yyz series

Models	Utilization category	U_e	I_e
TGCx-32yy	AC-3	AC220/230V,	32A
		AC380/400V	32A
		AC660/690V	22A
TGCx-32yy TGCx-32yyN	AC-4	AC220/230V,	12A
		AC380/400V	12A
		AC660/690V	7.5A
	AC-1	AC220/230V,	40A
		AC380/400V	40A

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Table 3: ratings of TGCx-38yyz series

Models	Utilization category	U _e	I _e
TGCx-38yy	AC-3	AC220/230V	38A
		AC380/400V	38A
		AC660/690V	22A
TGCx-38yy TGCx-38yyN	AC-4	AC220/230V	14A
		AC380/400V	14A
		AC660/690V	8.9A
	AC-1	AC220/230V	50A
		AC380/400V	50A

**Tested
according to:**

EN IEC 60947-4-1:2025
EN IEC 60947-5-1:2025

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