



Product Service

Attestation of Conformity

No. N8A 105620 0062 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.: 874102505130-00

Date, 2026-01-15

(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-80yyz, TGCx-95yyz
 'x' may be 1, G, JH, K stands for product code.
 'yy' may be 11 or Omit, stands for auxiliary contacts form;
 11 means 1NO+1NC.
 'z' may be N or Blank, stands for contactor 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
Utilization category:	See table 1, 2
Conventional free air thermal current I_{th} :	110A
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 B
Rated control circuit supply voltage U_s :	AC24V, AC36V, AC48V, AC110V, AC220V, AC380V, AC400V, AC415V, 50Hz, 50/60Hz

Auxiliary circuits:

Rated insulation voltage U_i :	690V
Rated impulse withstand voltage U_{imp} :	6kV

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Conventional free air thermal current I_{th} : 10A
 Rated operational voltage U_e : AC380V, DC220V
 Rated operational current I_e : 0.95A (for AC380V), 0.15A (for DC220V)
 Utilization category: AC-15, DC-13
 Rated conditional short-circuit current: 1000A

Table 1: ratings of TGCx-80yyz series

Models	Utilization category	U_e	I_e
TGCx-80yy	AC-3	AC220/230V	80A
		AC380/400V	80A
		AC660/690V	49A
TGCx-80yy TGCx-80yyN	AC-4	AC220/230V	37A
		AC380/400V	37A
		AC660/690V	17.3A
	AC-1	AC220/230V	110A
		AC380/400V	110A
		AC660/690V	110A

Table 2: ratings of TGCx-95yyz series

Models	Utilization category	U_e	I_e
TGCx-95yy	AC-3	AC220/230V	95A
		AC380/400V	95A
		AC660/690V	49A
TGCx-95yy TGCx-95yyN	AC-4	AC220/230V	44A
		AC380/400V	44A
		AC660/690V	21.3A
	AC-1	AC220/230V	110A
		AC380/400V	110A
		AC660/690V	110A

Tested according to:

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

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