

# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50695307 0001  
**Report No.:** CN25BSPU 000  
**Holder:** Zhejiang Tengen Electric Co., Ltd.  
Sulv Industrial Area,  
Liushi Town, Yueqing City,  
325604 Zhejiang  
P.R. China  
**Product:** AC contactor

#### Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

**Date:** 2025-09-21

#### Certification Body

*Yang Yongming*

Yongming Yang



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

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## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50695307 0001

**Product:** AC contactor

**Identification:**

**Type Designation**

- 1) TGC1-2511, TGC1-2511x, TGC1-2511xN, TGC1-2511N  
TGCG-2511, TGCG-2511N, TGCJH-2511, TGCJH-2511N  
TGCK-2511, TGCK-2511N
- 2) TGC1-3211, TGC1-3211x, TGC1-3211xN, TGC1-3211N  
TGCG-3211, TGCG-3211N, TGCJH-3211, TGCJH-3211N  
TGCK-3211, TGCK-3211N
- 3) TGC1-3811, TGC1-3811x, TGC1-3811xN, TGC1-3811N  
TGCG-3811, TGCG-3811N, TGCJH-3811, TGCJH-3811N  
TGCK-3811, TGCK-3811N

Trademark : (Tengen(Logo))

Serial number : Engineering samples

**Technical Data**

Utilization Category : AC-1/AC-3/AC-4

Number of Poles : 3 Poles

U<sub>imp</sub> : 6kV

U<sub>i</sub> : 690V

I<sub>th</sub> : 1)40A, 2)3)50A

I<sub>q</sub> : I<sub>q</sub>:50kA; "r":3kA;

Utilization category:

TGC1-2511, TGC1-2511x , TGCG-2511, TGCJH-2511, TGCK-2511

AC-1:

Ue:AC220V/230V, 380V/400V Ie:40A

AC-3:

Ue:AC220V/230V, 380V/400V Ie:25A

Ue:AC660V/690V Ie:18A

AC-4:

Ue:AC220V/230V, 380V/400V Ie:8.5A

Ue:AC660V/690V Ie:4.4A



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### Low Voltage Directive (EU) 2014/35

#### Identification:

#### Type Designation

TGC1-2511N, TGC1-2511xN, TGCG-2511N, TGCJH-2511N, TGCK-2511N:

AC-1:

Ue: AC220V/230V, 380V/400V Ie: 40A

AC-4:

Ue: AC220V/230V, 380V/400V Ie: 8.5A

Ue: AC660V/690V Ie: 4.4A

TGC1-3211, TGC1-3211x, TGCG-3211, TGCJH-3211, TGCK-3211:

AC-1:

Ue: AC220V/230V, 380V/400V Ie: 50A

AC-3:

Ue: AC220V/230V, 380V/400V Ie: 32A

Ue: AC660V/690V Ie: 22A

AC-4:

Ue: AC220V/230V, 380V/400V Ie: 12A

Ue: AC660V/690V Ie: 7.5A

TGC1-3211N, TGC1-3211xN, TGCG-3211N, TGCJH-3211N, TGCK-3211N:

AC-1:

Ue: AC220V/230V, 380V/400V Ie: 50A

AC-4:

Ue: AC220V/230V, 380V/400V Ie: 12A

Ue: AC660V/690V Ie: 7.5A

TGC1-3811, TGC1-3811x, TGCG-3811, TGCJH-3811, TGCK-3811:

AC-1:

Ue: AC220V/230V, 380V/400V Ie: 50A

AC-3:

Ue: AC220V/230V, 380V/400V Ie: 38A

Ue: AC660V/690V Ie: 22A

AC-4:

Ue: AC220V/230V, 380V/400V Ie: 14A

Ue: AC660V/690V Ie: 8.9A

TGC1-3811N, TGC1-3811xN, TGCG-3811N, TGCJH-3811N, TGCK-3811N:

AC-1:

Ue: AC220V/230V, 380V/400V Ie: 50A

AC-4:

Ue: AC220V/230V, 380V/400V Ie: 14A

Ue: AC660V/690V Ie: 8.9A



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#### Identification:

Type Designation

Model Description:

TG C w - x 11 y z  
(1) (2) (3)(4)(5) (6) (7) (8)

Possible values:

(1):Enterprise code

(2):AC contactor

(3):Design No. (1, G, JH, K named according to different sales channels)

(4):"- " Dash delimiter no meanings

(5):Rated operational current at 380V/400V under AC-3 usage category

(6):Types and number of pairs of aux. contacts  
(11: 1NO + 1NC)

(7):General: Default: Derived type; x: General type

(8):General: Default: General type;

N: Reversible AC contactor

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