



Product Service

Attestation of Conformity

No. N8A 105620 0019 Rev. 00

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

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

Product: **Residual Current Device with incorporated overcurrent prot. RCBOs**

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.: 874102423303-00

Date, 2024-11-05

(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): TGB1NLE-63, TGB1NLA-63, TGB1NLG-63, TGBGLE-63, TGBGLA-63, TGBGLG-63

Parameters:

| | |
|---|---|
| Rated impulse withstand voltage (U_{imp}): | 4kV |
| Rated insulation voltage (U_i): | 690V |
| Rated voltage (U_e): | AC220V/230V/240V (1P+N, 2P), AC380V/400V/415V (3P, 3P+N, 4P) |
| Rated frequency: | 50Hz |
| Rated current (I_n): | 40A, 50A, 63A |
| Rated residual operating current ($I_{\Delta n}$): | 30mA, 50mA, 75mA, 100mA, 300mA |
| Type of RCBO: | Type AC (for models TGB1NLE-63, TGB1NLG-63, TGBGLE-63, TGBGLG-63) Type A (for models TGBGLA-63, TGB1NLA-63) |
| Rated residual making and breaking capacity ($I_{\Delta m}$): | 2000A |
| Service short-circuit capacity (I_{cs}): | 6000A |
| Rated short-circuit capacity (I_{cn}): | 6000A |
| Instantaneous tripping current: | Type C, Type D |
| Reference ambient air temperature: | 30°C |
| Type of release: | Electronic |
| Method of operation: | Functionally dependent on line voltage |
| Number of poles: | For models TGB1NLE-63, TGB1NLA-63, TGBGLE-63, TGBGLA-63: 1P+N (1 protective pole with an uninterrupted neutral pole), 2P, 3P, 3P+N (3 protective poles with an uninterrupted neutral pole), 4P For models TGB1NLG-63, TGBGLG-63: 1P+N (1 protective pole with an uninterrupted neutral pole), 2P |
| Suitable for isolation: | Yes (only for 3P, 4P RCBOs) |
| Remark: | The use of RCBOs of type AC is not permitted in Germany. |

Tested according to: EN 61009-1:2012/A13:2021

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