PERMANENT AND TRANSIENT OVERVOLTAGES
POP + SPD

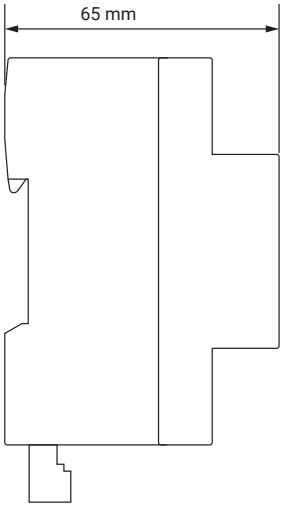
# TRIO3.0

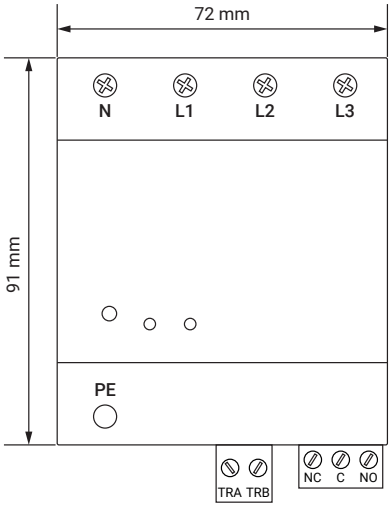
Protector against
**permanent and transient**
overvoltages.
Three-phase.
Type 2.



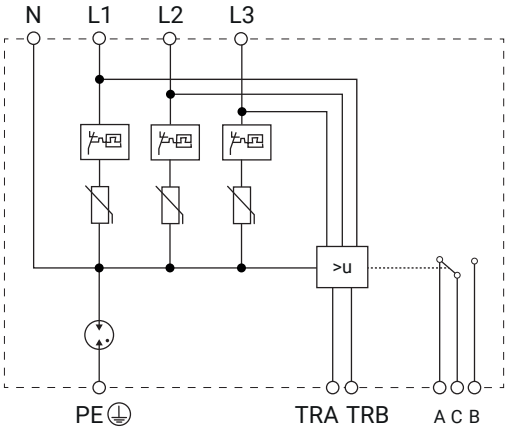

DATASHEET

## Dimensions




## Electrical diagram




## Models

| Code | Reference |
|---|---|
| 10003308 | TRIO3.0 |

Scan for more information:



toscano

## Technical specifications

| | | |
|---|---|---|
| GENERAL | Rated voltage Un (L1-N, L2-N, L3-N) | 230 VAC |
| | Alarm contact | 6 A / 30 VDC, 6 A / 250 VAC |
| | Upstream protection | 40 A, Curve C (IEC 60898 / IEC 61009 / IEC 60947-2)<br>Fuse 50 A gG (IEC 60269 / IEC 60127) |
| | Frequency | 50-60 Hz |
| | Consumption | 0.6 W |
| | Maximum terminal cross-section | 35 mm² |
| | **Minimum cable cross-section (L1, L2, L3, N, PE)** | **6 mm²** |
| | **Minimum signal cable cross-section (TRA, TRB, NC, C, NO)** | **1,5 mm²** |
| | Tightening torque (L1, L2, L3, N, PE) | 2.5 Nm |
| | Tightening torque (TRA, TRB, NC, C, NO) | 2 Nm |
| | Environmental limits | -20 ºC +70 ºC / 80% R.H. |
| | Protection | IP20 |
| | Mounting | Rail DIN 35 |
| | No. of DIN modules | 4 |
| | Dimensions (width x height x depth) | 72 x 91 x 65 mm |
| | Approx. average weight | 395 g |
| | Approx. packed weight | 430 g |
| PERM. | Disconnection voltage (L1-N, L2-N, L3-N) | according to EN IEC 63052 |
| | Overvoltage response time | |
| TRANS. | Protection level Up | ≤1.5 kV |
| | Maximum discharge current (8/20µs) Imax | 40 kA |
| | Type | 2 |
| COMPLIANCE | Directives | 2014/35/EU (LVD)<br>2014/30/EU (EMC)<br>2011/65/EU (RoHS) |
| | Standards | EN 61643-11<br>EN IEC 63052 |

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