



## T3Z 068-33YR

- 3 switches in one enclosure
- Metal enclosure
- two-side operation / wire up to 2 x 50 m long
- Robust design
- Low actuating force

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
| Product type description      | T3Z 068-33YR  |
| Article number (order number) | 101087885     |
| EAN (European Article Number) | 4030661057262 |
| eCl@ss number, version 9.0    | 27-37-12-01   |
| eCl@ss number, version 11.0   | 27-37-12-01   |
| eCl@ss number, version 12.0   | 27-37-12-01   |
| ETIM number, version 7.0      | EC002026      |
| ETIM number, version 6.0      | EC002026      |

### Approvals - Standards

|              |                            |
|--------------|----------------------------|
| Certificates | TÜV<br>cULus<br>CCC<br>EAC |
|--------------|----------------------------|

### General data

|           |                                                      |
|-----------|------------------------------------------------------|
| Standards | EN IEC 60947-5-1<br>EN IEC 60947-5-5<br>EN ISO 13850 |
|-----------|------------------------------------------------------|

|                                      |                         |
|--------------------------------------|-------------------------|
| Enclosure material                   | Grey cast iron, painted |
| Material of the contacts, electrical | Silver                  |
| Material of the housing cover        | Grey cast iron, painted |
| Length of the wire, maximum          | 50 m                    |
| Gross weight                         | 4,635 g                 |

### General data - Features

|                              |     |
|------------------------------|-----|
| Reset by pull ring           | Yes |
| Number of auxiliary contacts | 3   |
| Number of safety contacts    | 3   |

### Safety classification

|              |                |
|--------------|----------------|
| Standards    | EN ISO 13849-1 |
| Mission time | 20 Year(s)     |

### Safety classification - Safety outputs

|                                               |                    |
|-----------------------------------------------|--------------------|
| B <sub>10D</sub> Normally-closed contact (NC) | 100,000 Operations |
|-----------------------------------------------|--------------------|

### Mechanical data

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Actuating element             | Roller lever N300                                         |
| Mechanical life, minimum      | 50,000 Operations                                         |
| Positive break angle          | 32 °                                                      |
| Actuating force, maximum      | 50 N                                                      |
| Note (Actuating force)        | 30 N in wire direction                                    |
| Actuation direction           | Each time 75° right-hand side and left-hand side rotation |
| Positive break force, minimum | 50 N                                                      |
| Positive break torque         | 0.2 Nm                                                    |

### Mechanical data - Connection technique

|                        |                                                   |
|------------------------|---------------------------------------------------|
| Termination            | Screw terminals M20 x 1.5                         |
| Cable section, minimum | 0.75 mm <sup>2</sup>                              |
| Cable section, maximum | 1.5 mm <sup>2</sup>                               |
| Note (Cable section)   | All indications including the conductor ferrules. |

### Ambient conditions

|                              |        |
|------------------------------|--------|
| Degree of protection         | IP65   |
| Ambient temperature, minimum | -30 °C |
| Ambient temperature, maximum | +90 °C |

### Ambient conditions - Insulation values

|                                           |       |
|-------------------------------------------|-------|
| Rated insulation voltage $U_i$            | 250 V |
| Rated impulse withstand voltage $U_{imp}$ | 4 kV  |

### Electrical data

|                            |                        |
|----------------------------|------------------------|
| Thermal test current       | 10 A                   |
| Utilisation category AC-15 | 230 VAC                |
| Utilisation category AC-15 | 2.5 A                  |
| Utilisation category DC-13 | 24 VDC                 |
| Utilisation category DC-13 | 6 A                    |
| Switching element          | NO contact, NC contact |
| Switching principle        | Slow action            |

### Note

|                |                                                                          |
|----------------|--------------------------------------------------------------------------|
| Note (General) | At 3 m distance intermediate wire supports are required, see accessories |
|----------------|--------------------------------------------------------------------------|

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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