



## T3Z 068-11YRS

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

### Data

#### Ordering data

|                               |               |
|-------------------------------|---------------|
|                               | T3Z 068-11yrs |
|                               | 101087878     |
| EAN (European Article Number) | 4030661057125 |
| eCl@ss number, Version 9.0    | 27-37-12-01   |

#### Approval - Standards

cULus  
 cCSAus  
 CCC  
 EAC

#### General data

|                                      |                         |
|--------------------------------------|-------------------------|
|                                      | T3Z 068                 |
|                                      | IEC 60947-5-1           |
|                                      | IEC 60947-5-5           |
|                                      | ISO 13850               |
| Enclosure material                   | Grey cast iron, painted |
| Material of the contacts, electrical | Silver                  |
| Material of the cover                | Grey cast iron, painted |
| Length of the wire, maximum          | 50 m                    |
| Gross weight                         | 4,840 g                 |

#### General data - Features

|                              |     |
|------------------------------|-----|
| Key reset                    | Yes |
| Number of auxiliary contacts | 1   |
| Number of safety contacts    | 1   |

## Safety appraisal

ISO 13849-1

Mission Time 20 Year(s)

## Safety appraisal - Safety outputs

B10d 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

|                      |                                                                               |
|----------------------|-------------------------------------------------------------------------------|
| Terminal Connector   | Screw connection                                                              |
|                      | 0.75 mm <sup>2</sup>                                                          |
|                      | 1.5 mm <sup>2</sup>                                                           |
| Note (Cable section) | All indications about the cable section are including the conductor ferrules. |

## Ambient conditions

|                              |                       |
|------------------------------|-----------------------|
| Protection class             | IP 65 to IEC/EN 60529 |
| Ambient temperature, minimum | -30 °C                |
| Ambient temperature, maximum | +90 °C                |

## Ambient conditions - Insulation value

|                                 |      |
|---------------------------------|------|
| Rated impulse withstand voltage | 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        | Creep circuit element  |

## Notes

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

## Ordering code

Product type description:

T3Z 068-(1)YR(2)(3)

(1)

**11** 1 NO contacts/1 NC contact

**22** 2 NO contacts/2 NC contact

**33** 3 NO contacts / 3 NC contacts (not combinable in combination with -2909)

(2)

**without** Reset by pull ring

**S** Key reset (not combinable in combination with -2909)

(3)

**without** without indicator lamp

**G** with indicator lamp (not combinable in combination with -2909)

**2909** Outside parts in stainless steel

## Pictures

### Photo/Product/Catalogue



ID: kt3z0f03

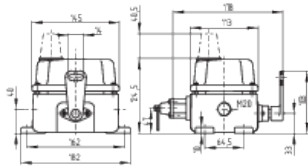
| 55,7 kB | .png | 73.731 x 100.542 mm - 209 x 285

Pixel - 72 dpi

| 781,6 kB | .jpg | 352.778 x 480.131 mm - 1000 x

1361 Pixel - 72 dpi

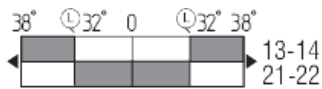
### Dimension/Product/Basic



ID: 1t3z0g01

| 118,6 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi  
 | 9,9 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi  
 | 43,4 kB | .cdr |

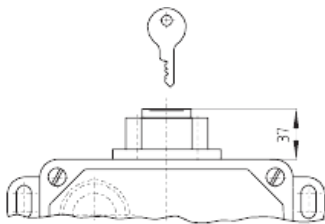
## Diagramm/Product/Travel



ID: kt3z0s02

| 21,3 kB | .cdr |  
 | 1,8 kB | .png | 74.083 x 18.344 mm - 210 x 52 Pixel - 72 dpi  
 | 53,5 kB | .jpg | 352.778 x 87.842 mm - 1000 x 249 Pixel - 72 dpi

## Dimension/Other



ID: kt3z0g03

| 24,5 kB | .cdr |  
 | 3,4 kB | .png | 74.083 x 50.8 mm - 210 x 144 Pixel - 72 dpi  
 | 94,8 kB | .jpg | 352.778 x 241.3 mm - 1000 x 684 Pixel - 72 dpi

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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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