



## TZMW24VDC

- Holding force 1500 N
- Thermoplastic enclosure

### Data

#### Ordering data

Product type description	TZMW24VDC
Article number (order number)	131017576
EAN (European Article Number)	8905236106057
eCI@ss number, Version 9.0	27-27-26-03

#### General data

Standards	EN 60947-5-1 BG-GS-ET-19
Active principle	Low electromechanical
Enclosure material	Glass-fibre, reinforced thermoplastic
Material of the contacts, electrical	Silver

#### General data - Features

Power to lock	Yes
Number of actuating directions	4
Number of auxiliary contacts	1
Number of safety contacts	2

#### Safety appraisal

Standards	ISO 13849-1
Mission Time	20 Year(s)

#### Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
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B10d Normally open contact (NO) 1,000,000 Operations

### Mechanical data

Mechanical life, minimum 1,000,000 Operations  
Clamping force in accordance with ISO14119 1,500 N  
 $F_{zh}$   
Latching force 20 N  
positive break travel 3.5 mm  
Positive break force, minimum 20 N  
Actuating speed, maximum 0.3 m/s

### Mechanical data - Connection technique

Terminal Connector Screw terminals  
Cable section, minimum 1 x 0.5 mm<sup>2</sup>  
Cable section, maximum 1 x 1.5 mm<sup>2</sup>  
Note (Cable section) All indications about the cable section are including the conductor ferrules.

### Mechanical data - Dimensions

Height of sensor 92.5 mm  
Length of sensor 41 mm  
Width of sensor 129 mm

### Ambient conditions

Protection class IP 65 to IEC/EN 60529  
IP 67 to IEC/EN 60529  
Ambient temperature, minimum +0 °C  
Ambient temperature, maximum +50 °C

### Ambient conditions - Insulation value

Rated impulse withstand voltage 2.5 kV

### Electrical data

Thermal test current 4 A  
Rated control voltage 24 VDC  
Required rated short-circuit current to EN 60947-5-1 1,000 A  
Electrical power consumption, maximum 8.5 W  
Switching principle Creep circuit element

## Other data

Note (applications)	sliding safety guard removable guard hinged safety guard
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## Scope of delivery

Included in delivery	Actuators must be ordered separately.
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## Pictures

### Product picture (catalogue individual photo)



ID: ktzf-f09

| 41,0 kB | .png | 74.083 x 57.856 mm - 210 x 164

Pixel - 72 dpi

| 522,4 kB | .jpg | 352.778 x 275.167 mm - 1000 x 780

Pixel - 72 dpi

| 68,8 kB | .jpg | 23.223 x 18.143 mm - 320 x 250 Pixel  
- 350 dpi

### Product picture (catalogue individual photo)



ID: ktzm-f05

| 25,3 kB | .png | 74.083 x 57.856 mm - 210 x 164

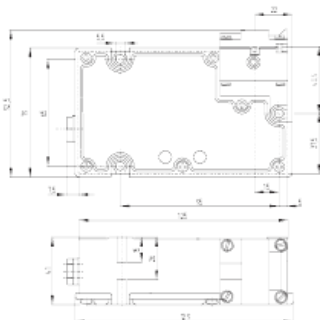
Pixel - 72 dpi

| 358,6 kB | .jpg | 352.778 x 275.167 mm - 1000 x 780

Pixel - 72 dpi

| 40,9 kB | .jpg | 23.223 x 18.143 mm - 320 x 250 Pixel  
- 350 dpi

### Dimensional drawing basic component



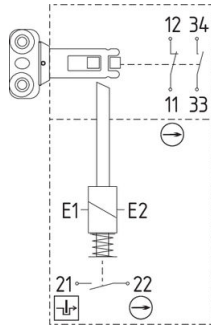
ID: ktzf-g01

| 5,3 kB | .png | 74.083 x 74.083 mm - 210 x 210 Pixel  
- 72 dpi

| 170,9 kB | .jpg | 352.778 x 352.072 mm - 1000 x 998  
Pixel - 72 dpi

| 36,9 kB | .jpg | 112.889 x 112.536 mm - 320 x 319  
Pixel - 72 dpi

## Diagram



ID: ktzf-k08

| 51,3 kB | .jpg | 112.889 x 177.094 mm - 320 x 502  
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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