

TZMCW24VDC

- **Holding force 1500 N**
- **Thermoplastic enclosure**

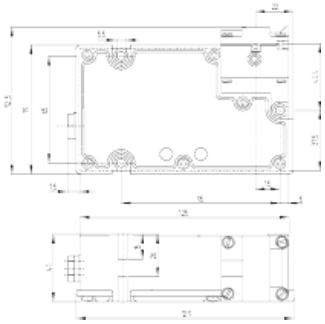
Data

Ordering data	
	TZMCW24VDC
	131029761
EAN (European Article Number)	8905236105845
eCl@ss number, Version 9.0	27-27-26-03
General data	
	EN 60947-5-1 BG-GS-ET-19
Coding level according to ISO 14119	Low
Active principle	electromechanical
Enclosure material	Glass-fibre, reinforced thermoplastic
Material of the contacts, electrical	Silver
Gross weight	480 g
General data - Features	
Power to lock	Yes
Number of actuating directions	4
Number of auxiliary contacts	2
Number of safety contacts	2
Safety appraisal	
	ISO 13849-1
Mission Time	20 Year(s)

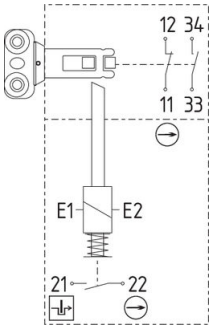
Safety appraisal - Safety outputs	
B10d Normally-closed contact (NC)	2,000,000 Operations
B10d Normally open contact (NO)	1,000,000 Operations
Mechanical data	
Mechanical life, minimum	1,000,000 Operations
Clamping force in accordance with ISO14119 F_{zh}	1,500 N
Latching force	20 N
positive break travel	3.5 mm
Positive break force, minimum	20 N
Actuating speed, maximum	0.3 m/s
Mechanical data - Connection technique	
Terminal Connector	Screw terminals
	1 x 0.5 mm²
	1 x 1.5 mm²
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
Electrical data - Safety contacts	
Voltage, Utilisation category AC15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	4 A
Electrical data - Auxiliary contacts	
Voltage, Utilisation category AC15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	4 A
Other data	
Note (applications)	sliding safety guard removable guard hinged safety guard
Scope of delivery	
Included in delivery	The solenoid interlock AZM400 is not included in delivery.

Pictures

Photo/Product/Catalogue	
	ID: ktzf-f14 | 34,7 kB | .png | 74.083 x 53.269 mm - 210 x 151 Pixel - 72 dpi | 350,6 kB | .jpg | 352.778 x 254 mm - 1000 x 720 Pixel - 72 dpi
Dimension/Product/Basic	
	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

Graphic/Product/Contact



ID: ktzf-k08

| 160,1 kB | .jpg | 352.778 x 553.861 mm - 1000 x 1570 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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