



TZMW24VDC

- Thermoplastic enclosure
- Holding force 1500 N

Data

Ordering data

EAN (European Article Number)	8905236106057
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03

General data

Standards	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	620 g

General data - Features

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

Number of safety contacts	2
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Safety appraisal

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

Mechanical life, minimum	1,000,000 Operations
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Clamping force in accordance with ISO14119 Fzh	1,500 N
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Latching force	20 N
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positive break travel	3.5 mm
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Positive break force, minimum	20 N
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Actuating speed, maximum	0.3 m/s
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Mechanical data - Connection technique

Terminal Connector	Screw terminals
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Cable section, minimum	1 x 0.5 mm ²
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Cable section, maximum	1 x 1.5 mm ²
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Note (Cable section)	All indications about the cable section are including the conductor ferrules.
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Mechanical data - Dimensions

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

Ambient conditions

Degree of protection	IP65 to EN 60529 IP67 to EN 60529
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+50 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	250 V
Rated impulse withstand voltage U_{imp}	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
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Scope of delivery

Included in delivery	The actuator TZ/CO is included in delivery.
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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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