



General data

Standards	EN 60947-5-1 BG-GS-ET-19
Active principle	electromechanical
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	930 g

General data - Features

Power to unlock	Yes
Manual release	Yes
Number of actuating directions	1
Number of auxiliary contacts	1
Number of safety contacts	3
Number of guard doors	1

Safety appraisal

Standards	EN 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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Mechanical data

Mechanical life, minimum	1,000,000 Operations
Clamping force in accordance with ISO14119 Fzh	3,500 N
Latching force, minimum	150 N
Latching force, maximum	400 N

positive break travel	5 mm
Positive break force, minimum	15 N
Actuating speed, maximum	0.2 m/s

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	2 x 0.75 mm ²
Cable section, maximum	2 x 2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	56.5 mm
Width of sensor	141 mm
Height of sensor	100 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+50 °C

Ambient conditions - Insulation value

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

Electrical data

Thermal test current	6 A
Rated control voltage	24 VAC/DC

Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	1 A
Electrical power consumption, maximum	10 W
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

Other data

Note (applications)	sliding safety guard hinged safety guard
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Notes

Note (Manual release)	secured with locking screw For manual release using M5 triangular key, available as accessory Only used on units with power to unlock principle Manual release can be carried out using a M5 triangular key. A chain secures the sealing plug against loss (Protection class IP67)
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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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