

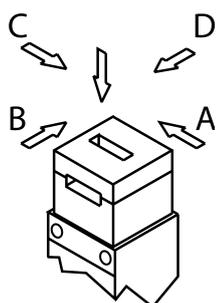
SGA1A-2131A-M (Order no. 106307)

Safety switch SGA, cable entry M20 x 1.5

- ▶ 3 x cable entry M20 x 1.5
- ▶ 3 pos. driven contact
- ▶ 1 NO contacts
- ▶ Switching disk made of metal



Approach direction



Horizontal and vertical
Can be adjusted in 90° steps

Switching element

2131 Slow-action switching contact 3 positively driven contacts \ominus + 1 NO contact

Accessories required

Actuator is not included.

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG
Connection cross section	0.34 ... 1.5 mm ²
Rated insulation voltage U_i	250 V
Rated impulse voltage U_{imp}	2.5 kV
Utilization category	
	AC-15 4 A 230 V
	DC-13 4 A 24 V

Switching voltage

min. at 10 mA 12 V

Switching current

min. at 24 V 1 mA

thermal rated current I_{th} 4 A

Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min
Approach direction	A
Connection type	
	3 x M20 x 1.5
Number of door position NO contacts	1
Number of door position positively driven contacts	3
Extraction force	25 N
Actuation frequency	max. 6700 1/h
Actuating force	25 N
Installation orientation	any
Insertion depth	24.5 mm

Storage temperature	-25 ... 80 °C
Mechanical life	2 x 10 ⁶
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 80 °C
Material	
	Housing Die-cast alloy, cathodically dipped
	Contact Silver alloy, gold flashed

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	B10 _D	Mission time
Monitoring of the guard position	3x10 ⁶	20 y
Important! Values valid at DC-13 100 mA/24V		

In combination with actuator ACTUATOR-S-GT-SN

Overtravel	5 mm
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