

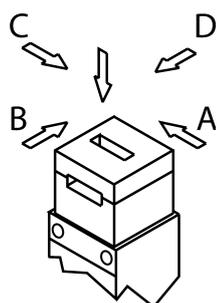
## SGA2E-2131ASR11 (Order no. 106736)

### Safety switch SGA, plug connector SR11

- ▶ Plug connector SR11, 11-pin + PE
- ▶ 3 pos. driven contact
- ▶ 1 NO contacts
- ▶ Switching disk made of plastic



### 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 (>70 °C => 2 A gG)
Rated insulation voltage $U_i$		50 V
Rated impulse voltage $U_{imp}$		1.5 kV
Utilization category		
	AC-15	4 A 50 V (>70 °C => 2 A)
	DC-13	4 A 24 V (>70 °C => 2 A)
Switching voltage		
	min. at 10 mA	12 V
Switching current		
	min. at 24 V	1 mA
thermal rated current $I_{th}$		4 A (>70 °C => 2 A)

### Mechanical values and environment

Anfahrsgeschwindigkeit		max. 20 m/min
Approach direction		A
Connection type		
	1 x	Plug connector SR11 (11-pin + PE)
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 <sup>6</sup>
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP65
Ambient temperature	-20 ... 80 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Die-cast alloy, cathodically dipped

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

	B10 <sub>D</sub>	Mission time
Monitoring of the guard position	3x10 <sup>6</sup>	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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