

STP-BI-3A-4121A024SR11C2204 (Order no. 103236)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG	
Power consumption	8 W	
Rated insulation voltage U_i	50 V	
Rated impulse voltage U_{imp}	1.5 kV	
Utilization category		
	AC-15	4 A 50 V
	DC-13	4 A 24 V
Solenoid operating voltage		
	DC	24 V -15% ... +10%
Solenoid duty cycle	100 %	
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

Anfahrgeschwindigkeit	max. 20 m/min	
Approach direction	A	
Connection type		
	1 x	Plug connector SR11 (11-pin + PE (not connected))
Number of door position NC contacts	1	
Number of door position NO contacts	1	
Number of guard lock monitoring positively driven contacts	2	

Extraction force	30 N
Actuation frequency	max. 1200 1/h
Actuating force	35 N
Installation orientation	any
Insertion depth	24.5 mm
Storage temperature	-25 ... 70 °C
Retention force	20 N
Switching principle	Slow-action switching contact
Degree of protection	IP65
Ambient temperature	-20 ... 55 °C
Material	
Housing	Reinforced thermoplastic
Contact	Silver alloy, gold flashed
Locking force F_{max}	2500 N
Locking force F_{Zh}	2000 N
Guard locking principle	BiState

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

	PL	Maximum SIL	PFH _D	Category	Mission time
Control of guard locking	PL b	-	4.23×10^{-6}	b	20 y

	B10 _D	Mission time
Guard lock monitoring	3×10^6	20 y
	Important! Values valid at DC-13 100 mA/24V	

Miscellaneous

C number	C2204 customer-specific wiring
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