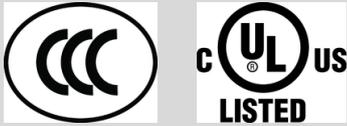


STP-BI-3D-4141A024SR11C2229 (Order no. 119742)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG	
Power consumption	8 W	
Connection cross section	0.34 ... 1.5 mm ²	
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	Plug connector SR11 (11-pin + PE (not connected))	
Number of door position positively driven contacts	2	
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
Mechanical life	1 x 10 ⁶
Retention force	20 N
Switching principle	Slow-action switching contact
Degree of protection	IP65
Ambient temperature	-20 ... 55 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Reinforced thermoplastic
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	-	4.23x10 ⁻⁶	b	20 y

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