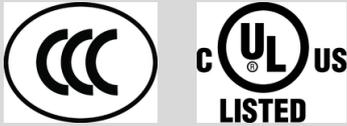


**STP4A-4141A024SM12C2379 (Order no. 115751)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 1 A gG	
Power consumption	8 W	
Rated insulation voltage $U_i$	30 V	
Rated impulse voltage $U_{imp}$	1.5 kV	
Utilization category		
	DC-13	1 A 24 V
	AC-15	1 A 24 V
Solenoid operating voltage		
	AC/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 $I_{th}$	1 A	

### Mechanical values and environment

Anfahrgeschwindigkeit	max. 20 m/min	
Approach direction	A	
Connection type	Plug connector SM12 (12-pin)	
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 <sup>6</sup>
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 <sub>max</sub>	2500 N
Locking force F <sub>Zh</sub>	2000 N
Guard locking principle	Open-circuit current principle

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

	B10 <sub>D</sub>	Mission time
Monitoring of the guard position	5x10 <sup>6</sup>	20 y
	Important! Values valid at DC-13 100 mA/24V	
Guard lock monitoring	5x10 <sup>6</sup>	20 y
	Important! Values valid at DC-13 100 mA/24V	

## Miscellaneous

C number	C2379 Special wiring
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## In combination with actuator ACTUATOR-S-GT-SN

Overtravel	5 mm
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