

STP4A-4141A024SR11C2240 (Order no. 105530)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG
Rated insulation voltage U_i	50 V
Rated impulse voltage U_{imp}	1.5 kV
Utilization category	
	DC-13 4 A 24 V
	AC-15 4 A 50 V
Solenoid operating voltage	
	AC/DC 24 V -15% ... +10%
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	
	1 x 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
Degree of protection	IP65
Ambient temperature	-20 ... 55 °C
Material	
	Housing Reinforced thermoplastic
Locking force F_{max}	2500 N
Locking force F_{Zh}	2000 N
Guard locking principle	Open-circuit current principle

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

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

Miscellaneous

C number	C2240	Plug connector in monoblock design, M20 x 1.5, not adjusted
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In combination with actuator ACTUATOR-S-GT-SN

Overtravel	5 mm
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