

**STP-TW-4A-4141AC024SR11C2240 (Order no. 113278)**

## 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		
	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 $I_{th}$	4 A	

### Mechanical values and environment

Anfahrgeschwindigkeit	max. 20 m/min	
Approach direction	A and C (two actuating heads)	
Connection type		
	1 x	Plug connector SR11 (11-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
<b>Material</b>	
Housing	Reinforced thermoplastic
Contact	Silver alloy, gold flashed
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 <sub>D</sub>	Mission time
Monitoring of the guard position	4.5x10 <sup>6</sup>	20 y
	Important! Values valid at DC-13 100 mA/24V	
Guard lock monitoring	4.5x10 <sup>6</sup>	20 y
	Important! Values valid at DC-13 100 mA/24V	

### Miscellaneous

C number	C2240 Housing M20x1.5, left, PG13.5 recut, SR11 aligned
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