

TP-BI-3-4121A024SR11C2204 (Order no. 100790)

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		
	DC-13	4 A 24 V
	AC-15	4 A 50 V
Solenoid operating voltage		
	AC/DC	24 V -15% ... +10%
Solenoid duty cycle	100 %	
Switching current		
	min. at 24 V	1 mA
thermal rated current I _{th}	4 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min	
Connection type		
	1 x	Plug connector SR11
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	20 N	
Actuation frequency	max. 1200 1/h	
Actuating force	10 N	

Installation orientation	any
Storage temperature	-25 ... 70 °C
Mechanical life	1 x 10 ⁶
Retention force	10 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}	1300 N
Locking force F_{Zh}	1000 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
Guard lock monitoring	3x10 ⁶	20 y
Important! Values valid at DC-13 100 mA/24V		

Miscellaneous

C number	C2204 customer-specific wiring
----------	--------------------------------

In combination with actuator ACTUATOR-P-GNT

Horizontal overtravel	7 mm
-----------------------	------

In combination with actuator ACTUATOR-P-GT

Horizontal overtravel	2 mm
-----------------------	------