TZ1RB024MVAB (Order no. 092101)

Technical data

Approvals

Operating and display elements

LED display	Operating voltage corresponds to the solenoid voltage (2 LEDs; green, red)

Electrical connection values

Fuse		max. 4 A gG (>70 °C =>2 A gG)
Power consumption		10 W
Connection cross section		0.34 … 1.5 mm²
Rated insulation voltage U_i		250 V
Rated impulse voltage U_{imp}		2.5 kV
Utilization category		
	DC-13	4 A 24 V (>70 °C =>2 A)
	AC-15	4 A 230 V (>70 °C =>2 A)
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 (>70 °C =>2 A)

Mechanical values and environment

Anfahrgeschwindigkeit	max. 20 m/min

Approach direction	
Actuating head on the right	B
Connection type	
1 x	M20 x 1.5
Number of door position NO contacts	1
Number of guard lock monitoring NO contacts	3
Number of door position positively driven contacts	2
Number of guard lock monitoring positively driven contacts	4
Extraction force	30 N
Actuation frequency	max. 1200 1/h
Actuating force	35 N
Lid	black
Installation orientation	any
Insertion depth	52 mm
Storage temperature	–25 … 80 °C
Mechanical life	1 x 10^6
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	–25 … 80 °C
Material	
Contact	Silver alloy, gold flashed
Housing	Anodized die-cast alloy
Locking force F_{max}	2000 N
Locking force F_{Zh}	1500 N
Guard locking principle	Closed-circuit current principle

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

	$B10_D$	Mission time
Monitoring of the guard position	$3x10^6$	20 y