

TZ1RE024BHAVAB-C1781 (Order no. 075314)

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)
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Power consumption	10 W
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Rated insulation voltage U_i	250 V
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Rated impulse voltage U_{imp}	1.5 kV
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Utilization category

AC-15	4 A 230 V (>70 °C => 2 A)
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DC-13	4 A 24 V (>70 °C => 2 A)
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Solenoid operating voltage

AC/DC	24 V -15% ... +10%
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Solenoid duty cycle	100 %
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Switching voltage

min. at 10 mA	12 V
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Switching current

min. at 24 V	1 mA
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thermal rated current I_{th}	4 A (>70 °C => 2 A)
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Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min
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Approach direction

Actuating head on the right A

Connection type		
	1 x	Plug connector BHA12 (12-pin + PE; positively driven contact for the door position and positively driven contacts for the guard lock monitoring connected in series)
Number of door position NO contacts	1	
Number of guard lock monitoring NO contacts	2	
Number of door position positively driven contacts	3	
Number of guard lock monitoring positively driven contacts	2	
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	IP65	
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

		Mission time
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