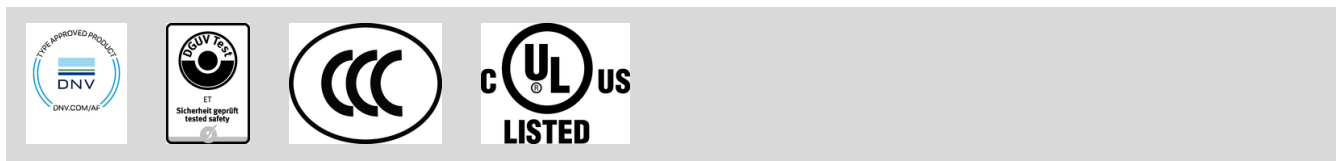


**TZ2RE024BHA-C1902 (Order no. 096467)**

## 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	
Rated insulation voltage $U_i$	250 V	
Rated impulse voltage $U_{imp}$	1.5 kV	
Utilization category		
	AC-15	4 A 230 V (>70 °C =>2 A)
	DC-13	4 A 24 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
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Approach direction

Actuating head on the right A

Connection type	
1 x	Plug connector BHA12 (11-pin + PE; positively driven contact for the door position and positively driven contact for the guard lock monitoring connected in series, NC contact for the door position and NC contact for the guard lock monitoring connected in series)
Number of door position positively driven contacts	3
Number of guard lock monitoring positively driven contacts	4 switches green LED
Extraction force	30 N
Actuation frequency	max. 1200 1/h
Actuating force	35 N
Lid	red
Installation orientation	any
Insertion depth	52 mm
Storage temperature	-25 ... 80 °C
Mechanical life	1 x 10 <sup>6</sup>
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP65
Ambient temperature	-25 ... 80 °C
Material	
Housing	Anodized die-cast alloy
Contact	Silver alloy, gold flashed
Locking force $F_{max}$	2000 N
Locking force $F_{Zh}$	1500 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
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