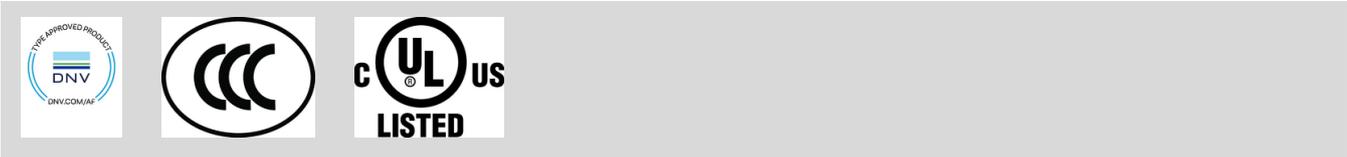


TZ1RE024BHAVFG-RC2408 (Order no. 120024)

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	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

Anfahrsgeschwindigkeit	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)
Number of door position positively driven contacts	4
Number of guard lock monitoring positively driven contacts	4
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 ⁶
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	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
	Important! Values valid at DC-13 100 mA/24V	

Guard lock monitoring	3x10 ⁶	20 y
	Important! Values valid at DC-13 100 mA/24V	

	PL	Maximum SIL	Category	Mission time
Control of guard locking	Depending on external control of guard locking			20 y

Miscellaneous

C number	C2408 with auxiliary release, BHA12 with special wiring
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In combination with actuator ACTUATOR-Z-GN

Overtravel	16 mm
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In combination with actuator ACTUATOR-Z-G

Overtravel	4 mm
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