

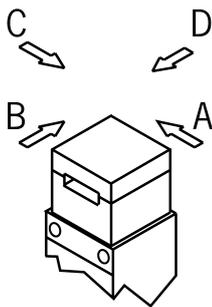
TZ1LE024RC18VAB-093862 (Order no. 093862)

Safety switch TZ, plug connector M23 (RC18)

- ▶ Plug connector M23 (RC18)
- ▶ Auxiliary release
- ▶ LED indicator
- ▶ Protective plate for switch head
- ▶ Actuating head fitted left
- ▶ Closed-circuit current principle



Approach direction



Horizontal

Can be adjusted in 90° steps

Protective plate for switch head

Makes tampering with the switch more difficult.

Guard locking principle

Power to unlock: On a guard with guard locking based on the closed-circuit current principle, the guard is locked by spring force until the guard locking solenoid is supplied with power. Unlocking is by solenoid force. The term mechanical guard locking is also used.

LED indicator

The switch has two freely assignable LED indicators (red and green).

Switching element

SK 2131 Slow-action switching contact

Contacts for door monitoring: 2 positively driven contacts \ominus + 1 NO contact

ÜK 3131 Slow-action switching contact

Contacts for guard locking: 2 positively driven contacts  + 2 NO contact

Auxiliary release

The auxiliary release on the front makes it possible to access the machine if there is a malfunction, e.g. a power failure. Unlocking is performed using a tool or a key. The auxiliary release must be protected against misuse (sealing, lacquer).

Accessories required

Actuator is not included.

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	50 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 50 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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