

RPS3131SC100M (ORDER NO. 088882)

Rope pull switch with pull-to-reset button for EMERGENCY STOP device, clamping head

- ▶ Plastic housing
- ▶ Emergency stop device with detent mechanism according to EN ISO 13850 and EN 60204-1
- ▶ Clamping head for pull rope
- ▶ Indication of correct rope tension
- ▶ 3 cable entries M20 x 1.5
- ▶ Switching elements with 4 switching contacts
- ▶ Emergency stop

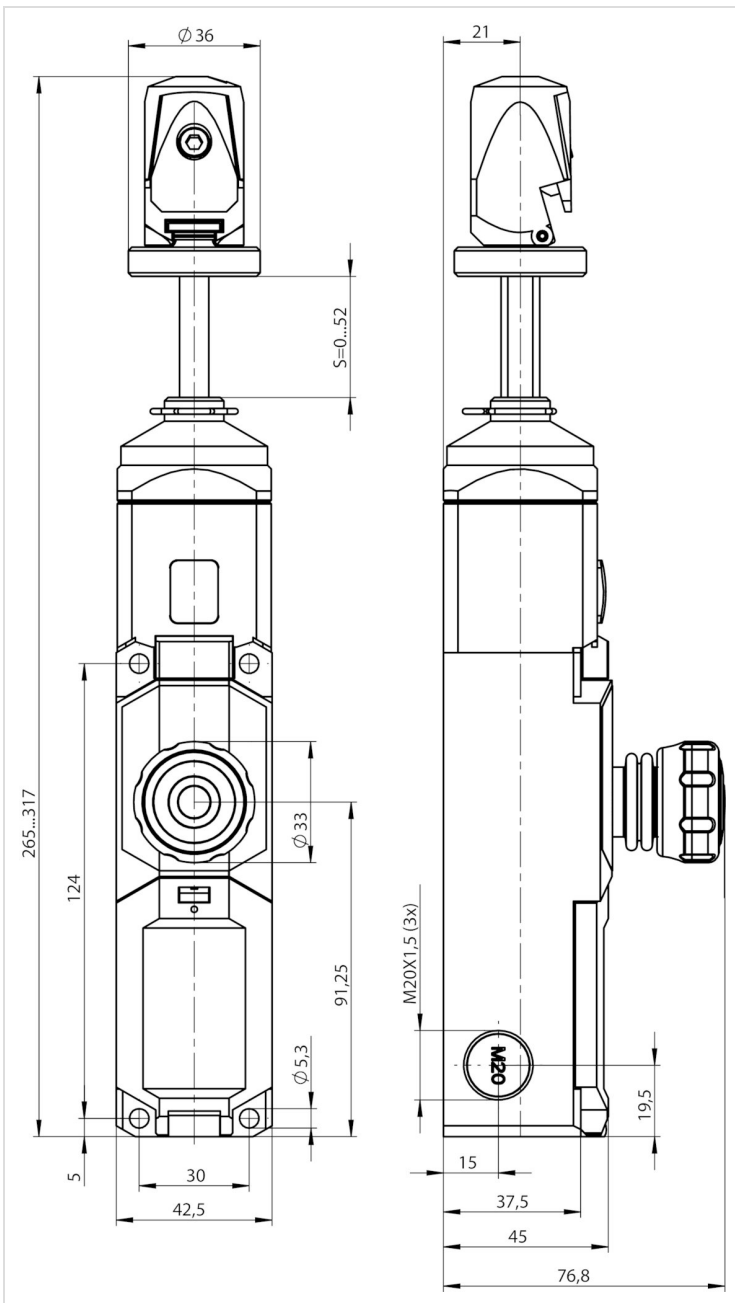


Description

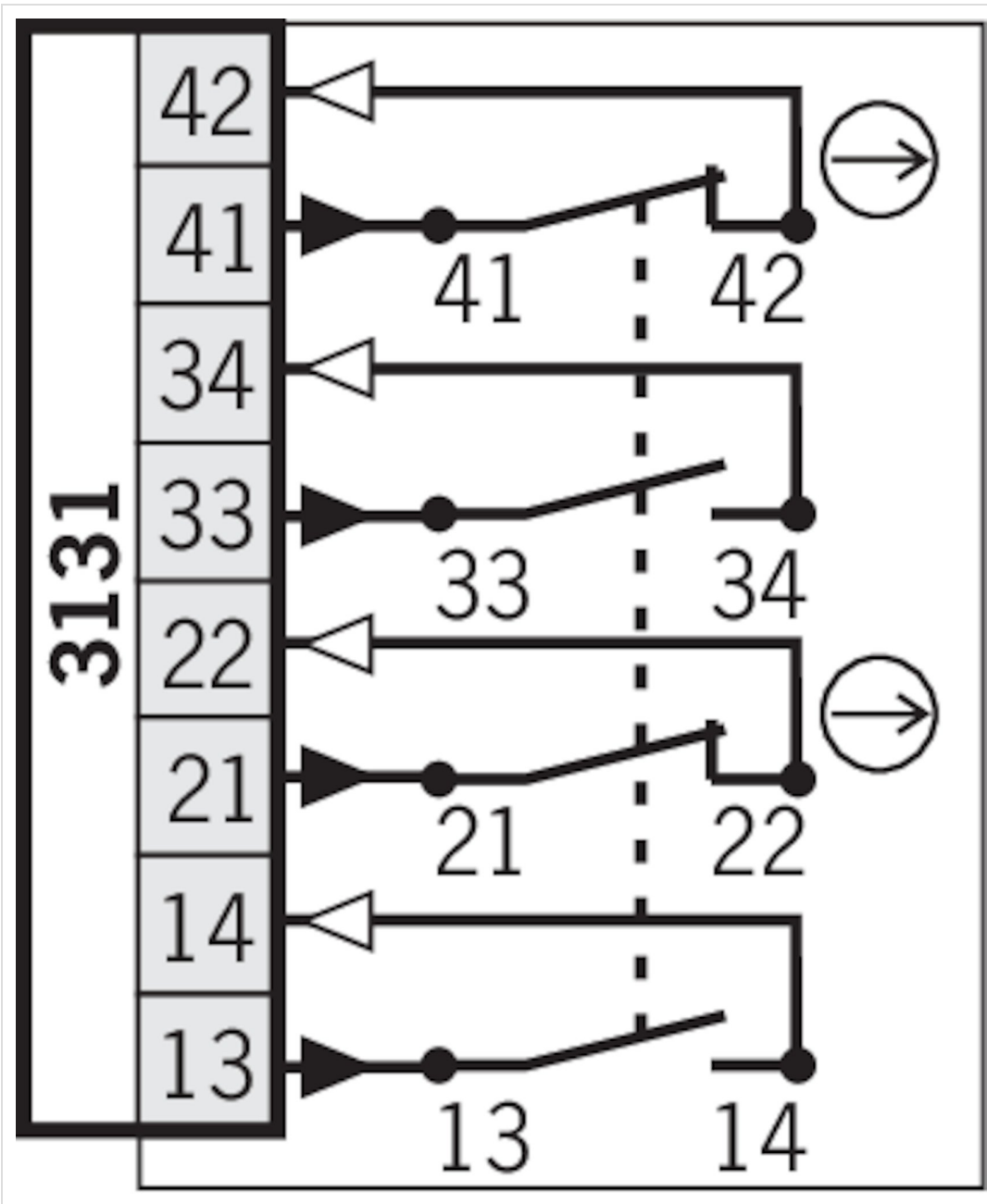
Switching element

3131 Slow-action switching contact 2 NC (→) + 2 NO

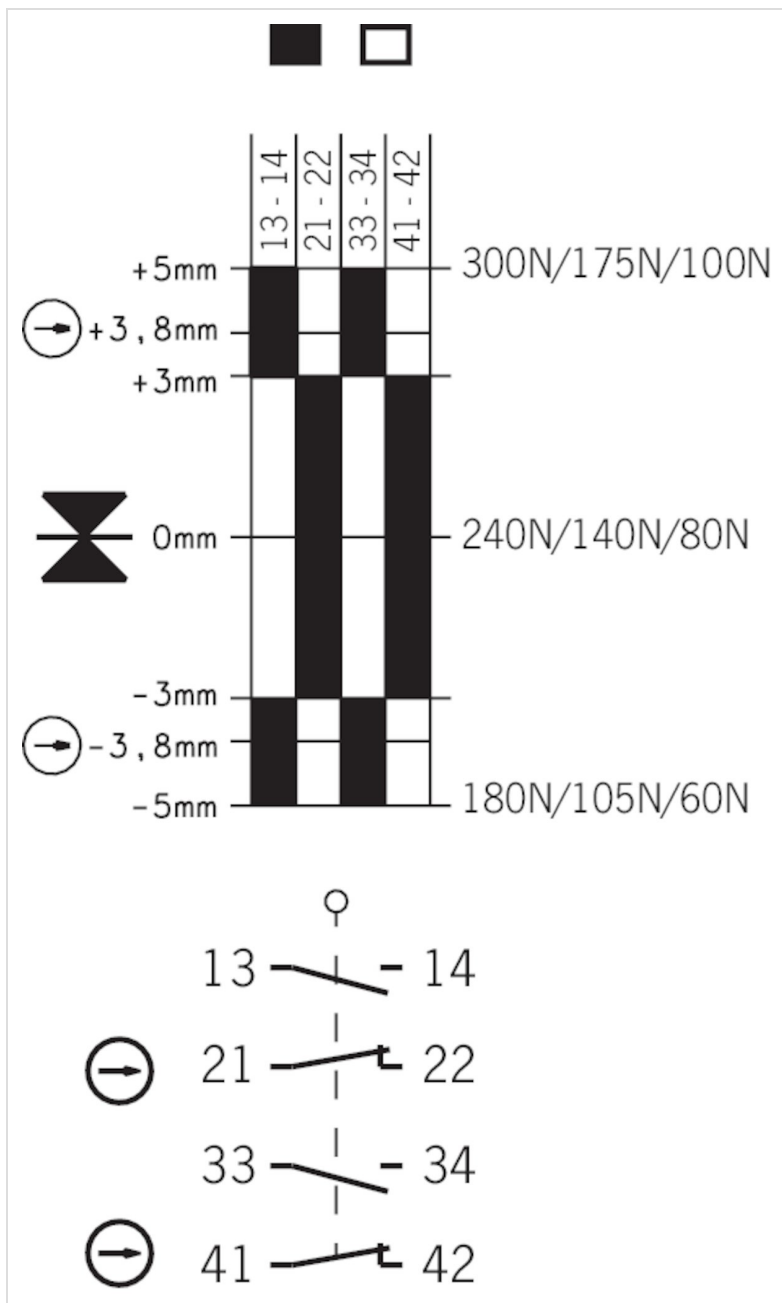
Dimension drawing



3131



Travel diagram



Technical data

Approvals



Mechanical values and environment

Housing material

	Housing	Reinforced thermoplastic
Weight	Net	0,8 kg
Ambient temperature		-25 ... 70 °C
Degree of protection		IP67
Mechanical life		0,1 x 10 ⁶
Switching principle		Slow-action switching contact
Rope diameter		2 ... 5 mm
Installation orientation		Any
Number of positively driven contacts		2
Number of NO contacts		2
Connection		
	3 x	M20 x 1.5
Actuating force		100 N

Electrical connection ratings

Thermal rated current I_{th}		10 A
Utilization category acc. to EN 60947-5-1		
	AC-15	3A 240V
Short circuit protection according to IEC 60269-1		6A gG
Rated insulation voltage U_i		250 V
Rated impulse withstand voltage U_{imp}		2,5 kV
Switching current		
	at 24V	min.10 mA
Connection cross-section		0,08 ... 1,5 mm ²

Other

Additional feature		Emergency stop function
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Accessories

Connection material

Cable glands M20x1.5, cable Ø 6-12 mm



086233
EKPM20/06 086233

Cable glands M20x1.5, cable Ø 6.5-9.5 mm



077683
EKVM20/06

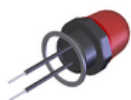
Cable glands M20x1.5, cable Ø 9-13 mm



077684
EKVM20/09

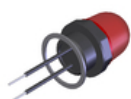
Function expansion

Built-in LED, light shines to front



095510
EINBAULEUCHTE LED-F M20X1,5

Built-in LED, light shines to side



087423
EINBAULEUCHTE LED M20X1,5

Mounting accessories

Eyebolt for rope pull switches

092495
RPS-O-8-50/V5

► Eyebolt with thread M8

Pulley set RPS-P/V1 for rope pull switches



096251
RPS-P-7-70

► Pulley Ø 14mm

Pulley set RPS-PS/V5 for rope pull switches



092501
RPS-PS/V5

- ▶ Pulley set consisting of rope pulley block and pulley support

Rope set for rope pull switches

092496
RPS-RS/V5

- ▶ Rope set consisting of thimble and rope clamp

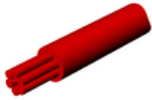
Tensioner spring for rope pull switches



092136
RPS-W-100/175

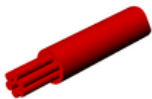
- ▶ Tensioner spring for tensile force 110 N / 175 N

Tensioning rope for rope pull switches



092814
RPS-I-3-4/100M

- ▶ Tensioning rope with 100 m length



092813
RPS-I-3-4/50M

- ▶ Tensioning rope with 50 m length

Turnbuckle for rope pull switches

092498
RPS-B-6-60/V5

- ▶ Turnbuckle M6 x 60

092500
RPS-B-6-110

- ▶ Turnbuckle M6 x 100

Contacts

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