

RPS-M-3131SC300BHA10LL024 (Order no. 119839)

Rope pull switch with pull-to-reset button for emergency stop device, clamping head, plug connector MR10

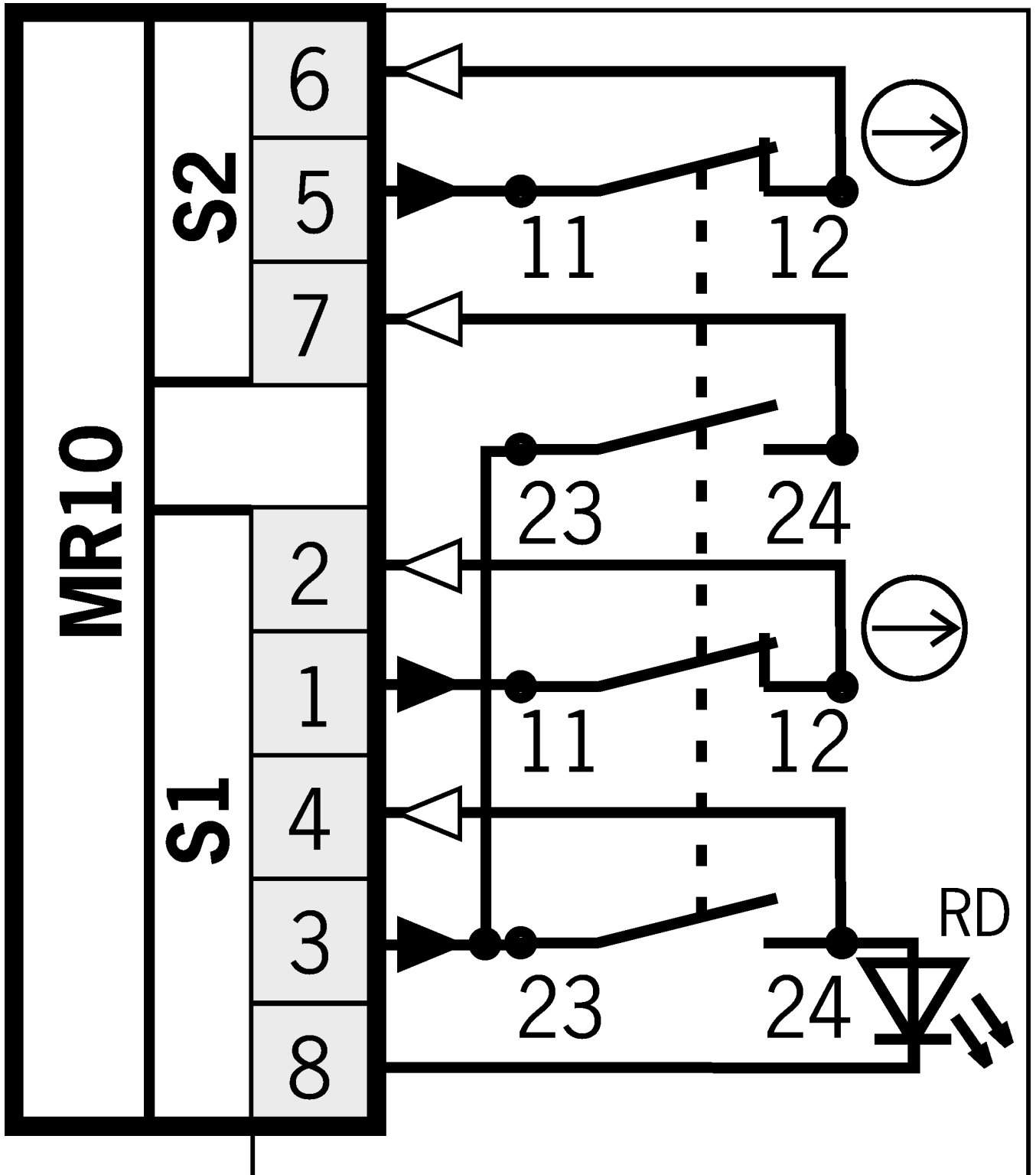
- ▶ Metal housing
- ▶ EMERGENCY STOP device with detent mechanism according to EN ISO 13850 and EN 60947-5-5
- ▶ Clamping head for pull wire
- ▶ Indication of correct rope tension
- ▶ Plug connector MR10
- ▶ LED left
- ▶ Switching elements with 4 switching contacts



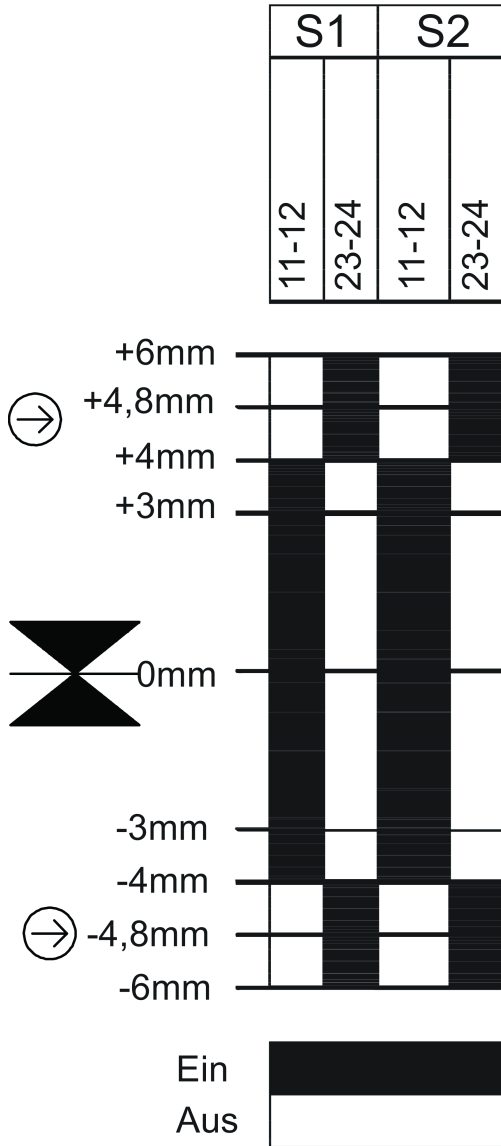
Switching elements

3131 Slow-action switching contact 2 NC \ominus + 2 NO

Connection examples



Shift travel diagrams



Actuating force $\pm 15\%$

Technical data

Approvals



Operating and display elements

LED display

DC 24 V
(left switches red LED)

Electrical connection values

Rated insulation voltage U_i	50 V
Rated impulse withstand voltage U_{imp}	2.5 kV
Utilization category	
	AC-15 3 A 50 V
	DC-13 0.27 A 50 V
Short circuit protection according to IEC 60269-1	4A gG
Switching current	
	at 24V min. 10 mA
thermal rated current I_{th}	4 A

Mechanical values and environment

Connection type	Plug connector MR10 (10-pin (without PE) - bottom)
Number of NO contacts	2
Number of positively driven contacts	2
Actuation frequency	max. 1200 1/h
Actuating force	300 N
Installation orientation	any
Mechanical life	0.1×10^6
Switching principle	Slow-action switching contact

Degree of protection	IP65
Rope diameter	2 ... 5 mm
Ambient temperature	-20 ... +50 °C

Material

Housing Die-cast aluminum

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	B10 _D	Mission time
Emergency stop	0.2x10 ⁶	20 y

Miscellaneous

Additional feature	Emergency stop function
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Downloads

All documentation for this material can be found on our website:

<https://www.euchner.de/en-us/a/119839/?#downloads-tab>

Ordering data

Ordernumber	119839
Item designation	RPS-M-3131SC300BHA10LL024
Gross weight	1,27kg
Customs tariff number	85365019000
ECLASS	27-37-12-01 Emergency stop pull cord switch

Accessories

Connection accessories

Connecting cable with plug connector MR10, 10-pin, 1.8 m



102516

C-MINF10-10X1,0PU01,8-MA-102516

- ▶ MR10 female plug, 10-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 1.8 m
- ▶ With flying lead

Connecting cable with plug connector MR10, 10-pin, 12.1 m



102519

C-MINF10-10X1,0PU12,1-MA-102519

- ▶ MR10 female plug, 10-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 12.1 m
- ▶ With flying lead

Connecting cable with plug connector MR10, 10-pin, 15.2 m



102520

C-MINF10-10X1,0PU15,2-MA-102520

- ▶ MR10 female plug, 10-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 15.2 m
- ▶ With flying lead

Connecting cable with plug connector MR10, 10-pin, 18.2 m



102521

C-MINF10-10X1,0PU18,2-MA-102521

- ▶ MR10 female plug, 10-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 18.2 m
- ▶ With flying lead

Connecting cable with plug connector MR10, 10-pin, 3.6 m



102517

C-MINF10-10X1,0PU03,6-MA-102517

- ▶ MR10 female plug, 10-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 3.6 m
- ▶ With flying lead

Connecting cable with plug connector MR10, 10-pin, 6 m



102518

C-MINF10-10X1,0PU06,0-MA-102518

- ▶ MR10 female plug, 10-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 6 m
- ▶ With flying lead

Connecting cable with plug connector MR10, 10-pin, 9.1 m



100956

C-MINF10-10X1,0PU09,1-MA-100956

- ▶ MR10 female plug, 10-pin
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Cable length 9.1 m
- ▶ With flying lead

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

▶ Rope pulley block Ø 14 mm

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



092138

RPS-W-300

▶ Tensioner spring for tensile force 300 N

Tensioning rope for rope pull switches



092814

RPS-I-3-4/100M

▶ Tensioning rope with 100m length



092813

RPS-I-3-4/50M

▶ Tensioning rope with 50m length

Turnbuckle for rope pull switches

092500

RPS-B-6-110

▶ Turnbuckle M6 x 100

092498

RPS-B-6-60/V5

▶ Turnbuckle M6 x 60