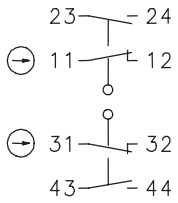
Rope pull switch

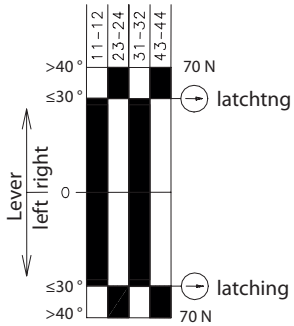
Series SI2

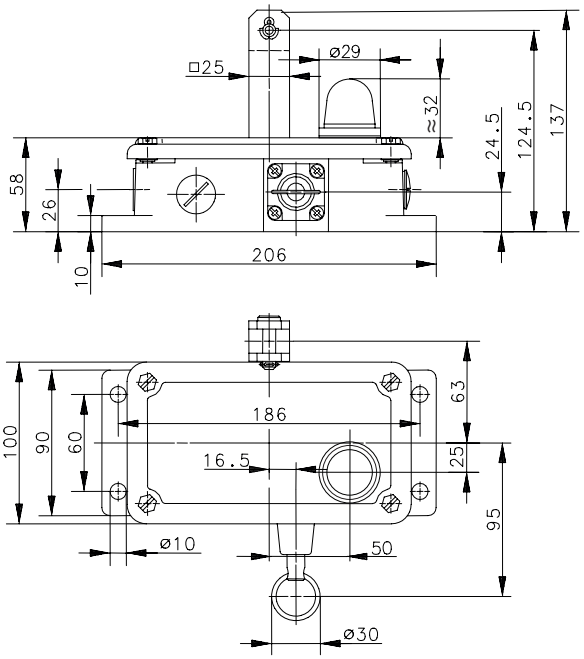
Description **SI2-U2Z AK R-RAST MLED**	Article number **6115725396**

Operating symbol



Operating diagram





Tolerance:
Operating point ± 5 °
Actuating force ± 15 %
Latching according to DIN EN ISO 13850

On Off

Electrical Data switch		
Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e/I_e 240 V / 3 A
Positive opening NC contact	⊖	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical data switch	
Enclosure	Gray iron
Cover	Gray iron
Actuator	Lever (St)
Ambient air temperature	-20 °C to +50 °C
Contact type	2 NC, 2 NO (Zb)
Reset facility	Rotate pulling the key-ring (≥ 50N)
Mechanical life	1 x 10^6 operating cycles
Switching frequency	≤ 10 / min.
Assembly	4 x M8
Connection	8 screw terminals (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm^2 Litz wire with ferrules: 0,5 ... 1,5 mm^2
Cable entrance	3 x M20 x 1,5
Weight	≈ 4,33 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Mechanical/ Electrical Data LED-permanent light EM 230 V AC RD, WERMA	
Rated insulation voltage	250 V
Operating voltage	230 V
Operating voltage type	AC
Operating voltage tolerance	± 10 %
Rated operational voltage	230 V AC
Rated operational current	20 mA
Rated inrush current	500 mA
Connection	wires (tinned) stranded wires with ferrules
Cable length	115 mm
Light source	LED
Light colour	Red
Optical signal pattern	Duration

ID for safety engineering	
B10d	2 x 10^6 cycles

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1
	DIN EN ISO 13850

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Notes
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable. After connection to the operating voltage, the strands of the LED permanent lamp must be sufficiently insulated in the connection area so that no electrical connection is made to the switch housing, switch cover and other metallic components inside the switch compartment. They must be arranged in such a way that the switching mechanism of the SI2 is not impaired.