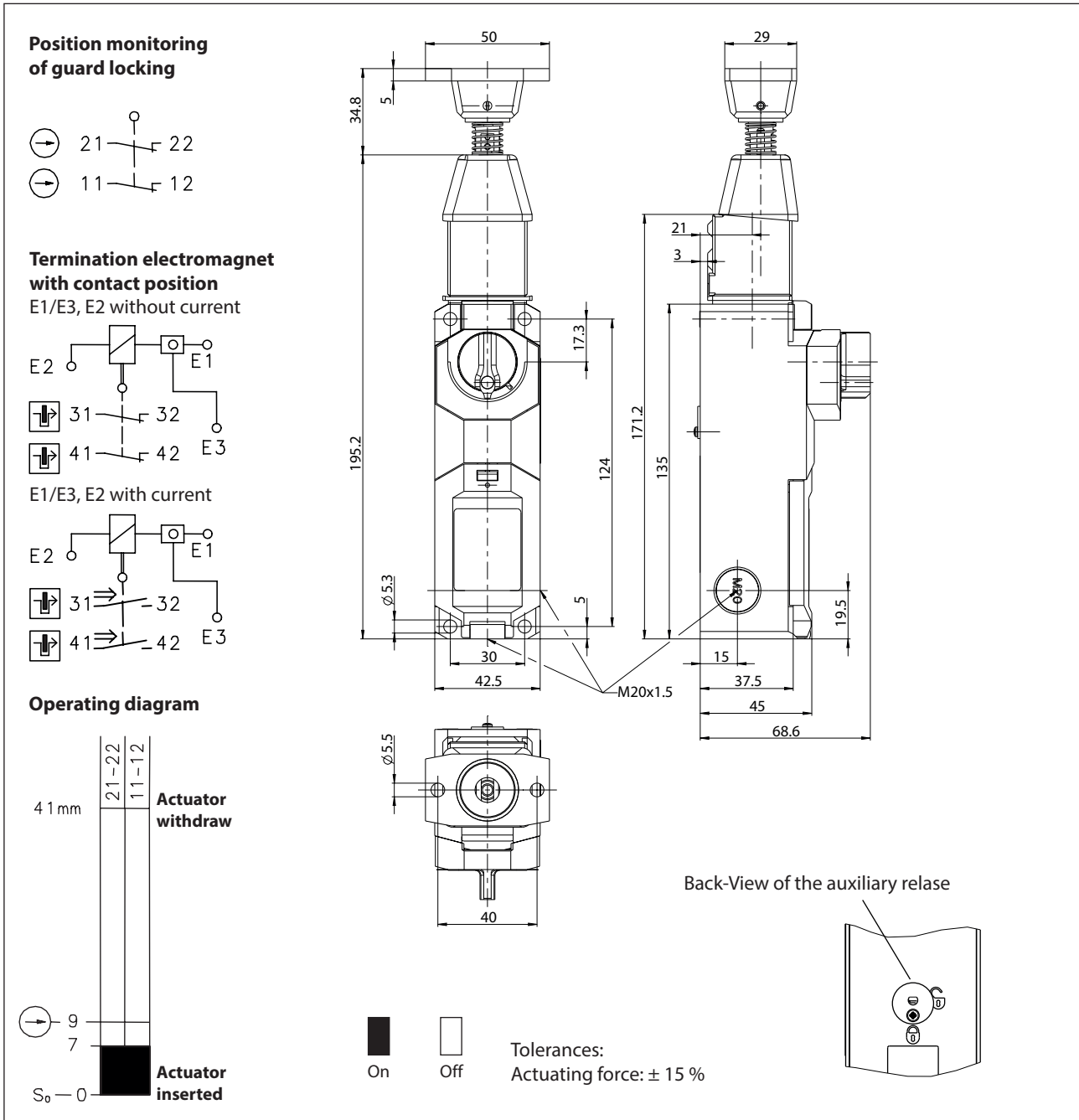


Safety switch

Series SLK – with separate actuator

Description **SLK-F-UC-22-R6-A3-L0-20**

Article number **6118169179**



Electrical data	
Protection class	II, totally insulated
Contact elements	
Rated insulation voltage	U_i 250 V AC
Rated impulse withstand voltage	U_{imp} 2,5 kV
Conv. thermal current	I_{the} 5 A
Utilization category	AC-15, U_e / I_e 230 V / 2,5 A
Direct opening action	⊖ according to IEC/EN 60947-5-1, Annex K
Short-circuit protective device	4 A gG
Electro magnets	
Duty cycle	100 % ED (at E1/E3; E2)
Temperature class	F (155 °C)
Inrush power consumption	12 VA (0,2 s)
Permanent power consumption	4,4 VA
Switch operations permanent	600 / h
Operating voltage	24 V DC

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuating head	Thermoplastic, glass fibre reinforced / Zn-GD
Actuator	Separate actuator (Steel / PA) with dust cap (CR)
Minimum actuating radius	R_{min} 400 mm
Velocity for actuating	V_{max} 0,5 m/s
Extraction force	≥ 27 N
Interlocking principle	Spring force
Unlocking	a) magnetic force b) emergency release from the front and auxiliary release from the back
Hold on force	F_{Zh} ≤ 1500 N acc. to GS-ET-19
Ambient air temperature	-25 °C ... +70 °C
Contact type	4 NC
Switching principle	4 slow make and break contact elements
Mechanical life	1 x 10 ⁶ switching cycles (at max. 600 switch operations / h)
Assembly	4 x M5
Connection	Spring-clamp connection; E3: screw terminal
Conductor cross-sections	0,5 ... 1,5 mm ² flexible
Cable entrance	3 x M20 x 1,5
Weight	≈ 0,36 kg
Installation position	operator definable
Protection type	IP67 acc. to IEC/EN 60529

ID for safety engineering	
B10d	2 x 10 ⁶ cycles

Actuation	
4 different actuating directions achievable by rotating the actuating head. Changing between horizontal and vertical actuating direction by setting the actuating head in the requested direction.	

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

EU Conformity	
	acc. to directive 2006/42/EC (Safety-of-Machinery-Directive)

Approvals	
	CCC
	cCSA _{US} B300, R300 (same polarity)
	DGUV

Notes	
<p>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.</p> <p>The switch may not be used as a mechanical stop.</p> <p>When power is removed from the electromagnet (solenoid) the safety guard will be in locked position.</p> <p>The emergency release function is activated by rotating the rotary handle 90° clockwise. The supplied key is necessary to reset the emergency release function.</p>	