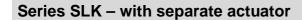
Technical Data Safety switch

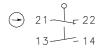
BERNSTEIN safe solutions

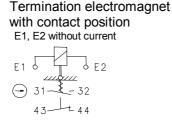
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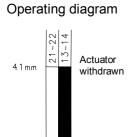
Description SLK-MVTU24UC-55-L

Position monitoring of guard locking

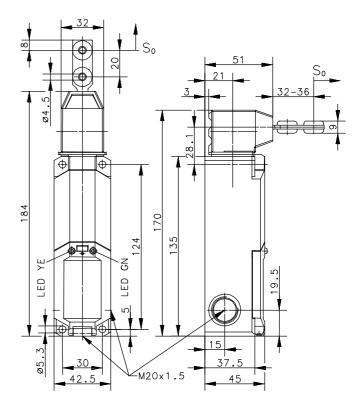




E1, E2 with current







Article number

		Tolerances
ON	OFF	Actuating for

8 Actuator inserted

Actuating force: ± 15%

Electrical data		
Protection class		II, totally insulated
Contact elements		
Rated insulation voltage	Ui	250V
Conv. thermal current	I _{the}	2,5A
Utilization category		AC-15, U _e /I _e 230V/2,5A
Direct opening action	\ominus	according to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		4A gL
Electro magnets		
Duty cycle		100% ED (at E1; E2)
Temperature class		B (130°C)
Inrush power consumption		56VA (0,2s)
Permanent power consumption		1,1VA
Switch operations permanent		600/h
Operating voltage		24V AC/DC

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Technical Data Safety switch



Mechanic	al data		
Enclosure			Thermoplastic GV (UL94-V0)
Cover			Thermoplastic GV (UL94-V0)
Actuating head			Thermoplastic GV / Zn-GD
Actuator			Separate actuator (St / PA)
	Minimum actuating radius	R_{min}	400mm
	Velocity for actuating	V _{max}	0,5 ^m / _s
	Extraction force		≥ 27N
Interlocking principle			Magnetic force
Unlocking			Spring force
Hold on force F _{zh}			≤ 1500N acc. to GS-ET-19
Ambient air temperature			-25°C +70°C
Contact type			2 NC, 2 NO
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
Connectio	n		Cage tension spring
Conductor cross-sections			≤ 1,5mm² flexible
Cable entrance			3 x M20x1,5
Weight			≈ 0,30kg
Installation position			Operator definable
Protection type			IP67 acc. to IEC/EN 60529

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	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	GS-ET-19
EU Conformity	CE
Approvals	
	BG
	_c CSA _{US} B300 (same polarity)

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.

The switch may not be used as a mechanical stop.

In case that power is removed from the solenoid the safety switch will be no longer in a locked position. Operator can open the guard! Attention has to be given to the risks of the machine in this situation.

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