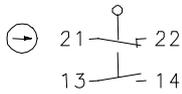


### Series SLK – with separate actuator

Description **SLK-MVTU24UC-55-FX**

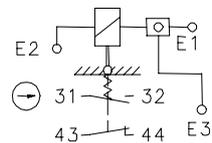
Article number **6118119095**

Position monitoring  
of guard locking

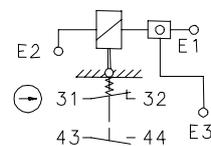


Termination electromagnet  
with contact position

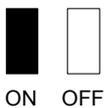
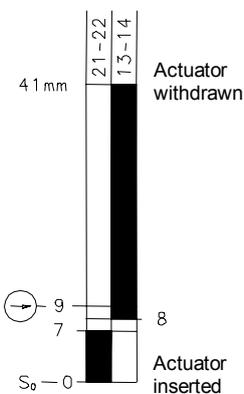
E1/E3, E2 without current



E1/E3, E2 with current

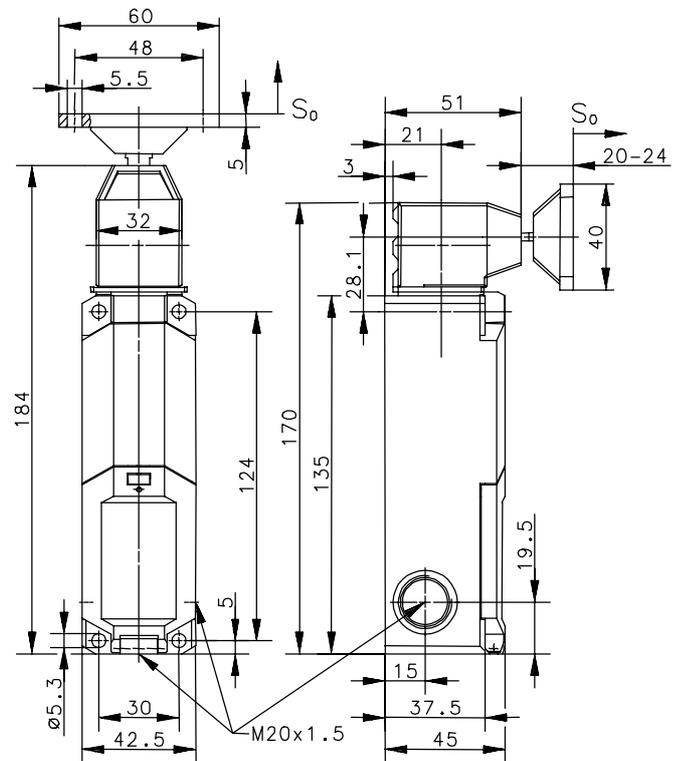


Operating diagram



Tolerances

Actuating force:  $\pm 15\%$



#### Electrical data

Protection class II, totally insulated

#### Contact elements

Rated insulation voltage	$U_i$	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/E3; 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

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual qualities from the qualities described herein are explicitly excluded. All rights reserved. Specifications subject to change without notice!

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Mechanical 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	$R_{\min}$	350mm
	Velocity for actuating	$V_{\max}$	0,5 <sup>m</sup> / <sub>s</sub>
	Extraction force		≥ 27N
Interlocking principle			Magnetic force
Unlocking			Spring force
Hold on force			≤ 1500N acc. to GS-ET-19
	$F_{Zh}$		
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 <sup>6</sup> switching cycles (at max. 600 switch operations / h)
Assembly			4 x M5
Connection			Cage tension spring
Conductor cross-sections			≤ 1,5mm <sup>2</sup> 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

cCSA<sub>US</sub> 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.