

Series KB...

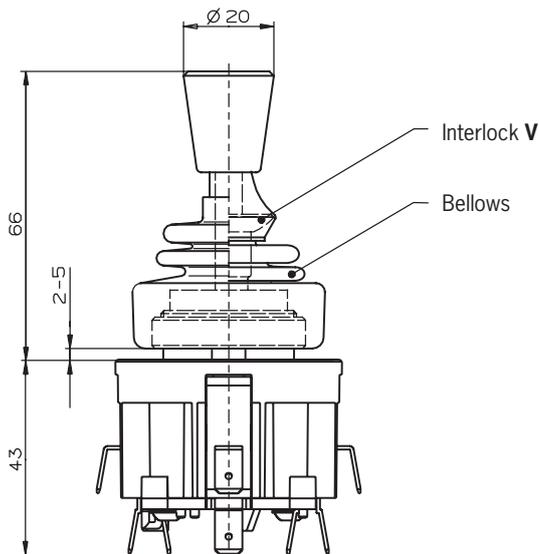
Germanischer Lloyd

Certificate no. 17 041 - 00 HH

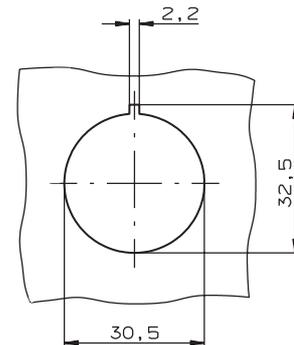


- ▶ Control panel installation to IEC 947-5-1 D30
- ▶ 1 to 8 actuating directions, 4 switching elements. With stayput or spring return operation or combined
- ▶ One changeover contact with tab connector 6.3 x 0.8 IEC 760 for each actuating direction

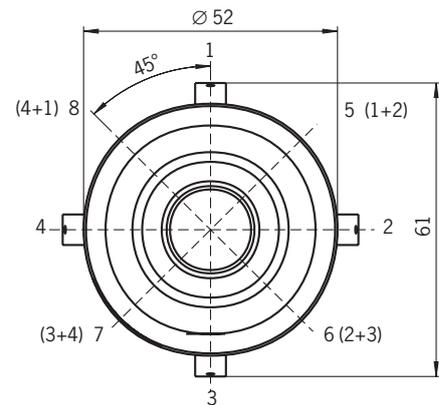
Dimension drawing



Panel cutout



Actuating directions



Ordering code

K	B			
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Series

Actuating direction and switching behavior

Stayput switch **S** (switching lever latches in selected position)
 Spring return switch **T** (switching lever returns to centre position)

Options

Interlock **V**
 All-round actuation **R**¹⁾

1) Simultaneous actuation of 2 adjacent switching elements in diagonal actuating directions.

Technical data

Parameter	Value	Unit
Housing material	Thermoplastic	
Switching lever material	Stainless steel	
Degree of protection to IEC 529 on actuating side with / without bellows	IP65	
Mounting method	IEC 947-5-1 D30	
Weight	Approx. 0.2	kg
Mechanical life	Spring return switch Stayput switch	2x10 ⁶ switching cycles 1x10 ⁶ switching cycles
Ambient temperature with spring return switch	-5 to +65	°C
Ambient temperature with stayput switch	-25 to +65	°C
Max. number of switching elements	4	
Connection type	Tab connector 6.3 x 0.8 IEC 760 Screw terminal on request	
Contact elements	Changeover contact C IEC 947-5-1	
Switching principle	Snap-action switch, type ES 517 A	
Rated insulation voltage U _i	250	V
Rated impulse withstand voltage U _{imp}	2.5	kV
Utilization category AC 15	230 V / 5 A	
Utilization category DC 13	24 V / 3 A	
Min. switching current at 24 V	10	mA
Min. switching voltage	12	V
Contact material	Silver alloy	
Short circuit protection (control circuit fuse)	T10 / F20	A
Max. number of actuating directions	8	
All-round actuation R (spring return switch only)	Actuation of 1 switching element (vertical or horizontal) or 2 adjacent switching elements (diagonal) simultaneously	
Switching positions per direction	1	
Stayput switch S (latching)	According to type designation	
Spring return switch T	According to type designation	
Interlock V in centre position	Option	

Ordering examples

Joystick switch series **KB**, actuating directions **1+3** stayput switch **S**,
actuating directions **2+4** spring return switch **T**

KB S13 T24

Joystick switch series **KB**, actuating directions **1+3** spring return switch **T**,
Interlock **V** in centre position

KB T13 V