

ZSB2B4S22A (Order no. 109136)

ZSB, housing G1, 3-stage, +/- buttons, cable

- ▶ Housing G1
- ▶ 3-stage function
- ▶ Coiled connecting cable, 22.1 m
- ▶ 2 pushbuttons



Switching element

2220 2 NO/NC 

Cable

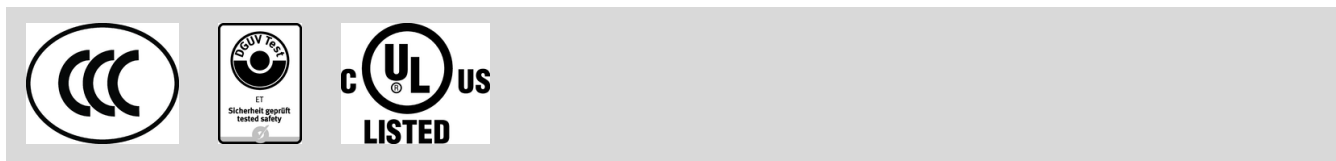
The high quality connecting cables (individual screening of the safety contacts) are available coiled.

3-stage function

Enabling function is active only in the second stage (center position, actuating point). If the pushbutton is released or pushed further (panic function), the enabling is removed (dependent on the wiring, see function sequence).

Technical data

Approvals



Operating and display elements

Item	Color	Extras	Version	Slide-in label	Note slide-in label	Switching element	Number	Designation1	LED
			+ buttons						
			– buttons						

Electrical connection values

Fuse	max. 2 A gG		
Connecting cable	8x0.5 mm ² + 8x0.14 mm ² (4x0.5 mm ² screened + 4x0.5 mm ² unscreened + 8x0.14 mm ² unscreened. Outer screen over everything.)		
rated conditional short-circuit current	100 A		
Rated insulation voltage U _i	250 V		
Rated impulse voltage U _{imp}	0.8 kV		
Utilization category	DC-13 2 A 24 V AC-15 2 A 24 V		
Switching voltage	min. at 10 mA min. 12 V		
Switching current	min. at 24 V min. 1 mA		
Degree of contamination (external, according to EN 60947-1)	3		

Display/control element

Fuse	max. 0.1 A gG		
Utilization category	DC-13 Additional elements 100 mA 24 V AC-15 Additional elements 400 mA 24 V		

Mechanical values and environment

Connection type	flying lead	
Number of NO contacts	2	
Number of positively driven contacts	2	
Storage temperature	-25 ... 70 °C	
Cable length		
	coiled	22.1 m
Mechanical life		
	Position 1-2-1	0.1 x 10 ⁶
	Position 1-2-3-1	0.1 x 10 ⁶
Switching principle	Slow-action contact element	
Degree of protection	IP65	
Ambient temperature	-5 ... 50 °C	
Material		
	Cap	Elastomer, low PAH, black
	Housing	Plastic, black

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

Enabling switch	
B _{10D}	0.5 x 10 ⁶