

ZSM2200–111914 (Order no. 111914)

ZSM, pushbutton black, LED indicator, key-operated rotary switch, potentiometer

- ▶ 3-stage function
- ▶ LED indicator
- ▶ Pushbutton black
- ▶ Rotary potentiometer 4.7 k Ω
- ▶ Key-operated rotary switch
- ▶ Straight connecting cable, 10 m



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).

LED indicator

The LED indicator is used for visual feedback directly at the enabling switch.

Black button

This button can be configured individually.

Key-operated rotary switch

For individual use, e.g. as an operating mode selector.

Rotary potentiometer 4.7k Ω

For individual use, e.g. for adjusting the speed.

Cable

The high-quality connecting cables are available in a straight version.

Technical data

Approvals



Operating and display elements

Item	Color	Extras	Version	Slide-in label	Note slide-in label	Switching element	Number	Designation1	LED
	yellow		LED				1		
			Key-operated rotary switch				1		
	black		Pushbutton				1		
			Potentiometer				1		

Electrical connection values

Fuse	max. 2 A gG
Connecting cable	14x0.34 mm ²
rated conditional short-circuit current	100 A
Rated insulation voltage U _i	50 V
Rated impulse voltage U _{imp}	0.5 kV

Utilization category

DC-13	24V 0.3A (For additional controls)
DC-13	30 V 0.1 A (For enabling switch, caution: outputs must be protected with a free-wheeling diode in case of inductive loads)
DC-13	24V 0.01A (For additional indicators)

Switching characteristics	3-stage enabling switch
Degree of contamination (external, according to EN 60947-1)	3

Mechanical values and environment

Connection type	flying lead
Number of changeover contacts	3 (Connection as per block diagram)
Storage temperature	-25 ... 70 °C
Cable length	straight 10 m
Mechanical life	1 x 10 ⁶
Switching principle	Snap-action contact element
Degree of protection	IP54
Ambient temperature	-5 ... 60 °C
Material	PA, CR, TPE (Low PAH)

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

	Enabling switch
B _{10D}	0.1 x 10 ⁶

Miscellaneous

in compliance with	60947-5-8
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