

ZSM4200–106105 (Order no. 106105)

ZSM housing with + and – buttons

- ▶ 3-stage function
- ▶ + and – buttons
- ▶ Hole for stop command device at bottom
- ▶ Cable gland included



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).

+ and – buttons

These buttons can be individually assigned, e.g. to move axes in positive or negative direction.

Technical data

Approvals



Operating and display elements

Item	Color	Extras	Version	Slide-in label	Note slide-in label	Switching element	Number	Designation1	LED
			+ button				1		
			- button				1		

Electrical connection values

Fuse	max. 2 A gG
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 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 0.3A (For additional controls)
Switching characteristics	3-stage enabling switch
Degree of contamination (external, according to EN 60947-1)	3

Mechanical values and environment

Connection type	Connection terminals, 0.08 mm ² – 0.5 mm ² , single conductor and flexible conductor, cable Ø 5...10 mm
Number of changeover contacts	3 (Connection as per block diagram)
Storage temperature	-25 ... 70 °C
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
Additional feature	Blind plug in hole for emergency stop