

ZSM2300–106374 (Order no. 106374)

ZSM, pushbuttons, mini joystick, plug connector RC17

- ▶ 3-stage function
- ▶ Pushbuttons
- ▶ Mini joystick
- ▶ Plug connector



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).

Pushbuttons

Additional functions can be run directly at the enabling switch using the pushbuttons.

One-touch function (joystick)

The four contacts are connected to a common pin. This permits a one-touch function irrespective of the actuating direction.

Technical data

Approvals



Operating and display elements

Item	Color	Extras	Version	Slide-in label	Note slide-in label	Switching element	Number	Designation1	LED
			Mini joystick				1		
	black		Pushbutton				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	Plug connector number of pins 17
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
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