

ZSM4204-105645 (Order no. 105645)

ZSM, pushbuttons, stop command device

- ▶ 3-stage function
- ▶ Stop command device
- ▶ Pushbuttons
- ▶ Coiled connecting cable, 5 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).

Stop command device

Dual-channel emergency stop device (red, with pull-to-reset and turn-to-reset button) on the switch housing, for different wiring concepts.

Upper position for rapid access in an emergency

Pushbuttons

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

Cable

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

Technical data

Approvals



Operating and display elements

| Item | Color | Extras | Version | Slide-in label | Note slide-in label | Switching element | Number | Designation1 | LED |
|------|-------|--------|-----------------------|----------------|---------------------|-------------------|--------|--------------|-----|
| | white | | Pushbutton | | | | 1 | | |
| | | | Emergency stop device | | | | 1 | | |

Electrical connection values

| | |
|---|---|
| Fuse | max. 2 A gG |
| Connecting cable | 23x0.14 mm ² (screened) |
| 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 | flying lead |
| Number of changeover contacts | 3 (Connection as per block diagram) |
| Storage temperature | -25 ... 70 °C |

Cable length

coiled, short straight piece of cable on the enabling switch 5 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

Emergency stop

B_{10D} 0.1 x 10⁶

Enabling switch

B_{10D} 0.1 x 10⁶

Miscellaneous

in compliance with 60947-5-8