



SSP

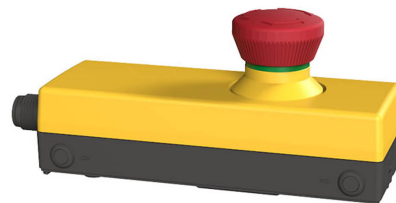
Safety System Products

EDI B7M

Emergency stop button in slimline housing (M12 8-pin) (2 x NC, 1 x NO)

Your advantages

- Robust design
- Fast mounting on aluminum profiles (without the use of mounting plates)
- Status display of the emergency stop button
- Fast commissioning and fast replacement with M12 plug connectors



To the downloads ►

we simplify safety

EDI B7M

The EDI emergency stop buttons have a modular design.

Select the head, contact and if desired the corresponding housing or simply immediately select the EDI slimline variant in a slimline housing. The special feature of the EDI buttons is the optionally available self-monitoring contact.

To help maintain safety, the switching elements in the emergency stop buttons/emergency off buttons are fitted with a safety contact. This constantly monitors the proper connection between the emergency stop button/emergency off button and the contact element. Even redundant, secure emergency off chains are ineffective if the contact is not perfectly connected to the emergency off actuator. If the emergency stop button/emergency off button becomes disconnected from the contact element due to negligent installation or mechanical damage, the safety contact trips immediately and the machine is shut down. The machine can only be placed into operation again when the fault has been rectified.

General data

| | |
|-----------------|-----------------------|
| Item number | SP-G-61-000-11 |
| Functional type | Emergency-Stop-Button |

Environmental conditions

| | |
|----------------------------|----------------|
| Max. operating temperature | -25 ... +80 °C |
| Max. storage temperature | -25 ... +70 °C |

Electrical data

| | |
|----------------------------|--|
| Design / Connections | M12 male connector, 8 pin |
| Bounce time | < 10 ms |
| Contact material | AgNi, gilded 5µm |
| Test voltage | 1.5 kV |
| Rated operating voltage Ue | 1 V... 36 V (UL: 30 V DC, 100 mA, 250 mW max.) V |
| Direct opening | according to EN60947-5-1, Annex K |

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|--|-------------------|
| Direct opening path | > 3 mm |
| Rated operating current I _N | 1 mA ... 250 mA A |

Mechanical data

| | |
|----------|------------------|
| Mounting | Clip at the rear |
|----------|------------------|

Equipment

Safe control technology

| | | | |
|---|-----------|----------------|---|
| Standard safety relay 1 safety function | S2 series | SP-K-70-001-00 |  |
| Time delay safety relay 1 safety function | T2 series | SP-K-70-001-02 |  |

Downloads

- Touch Panel
- Product line
- Operating Manual