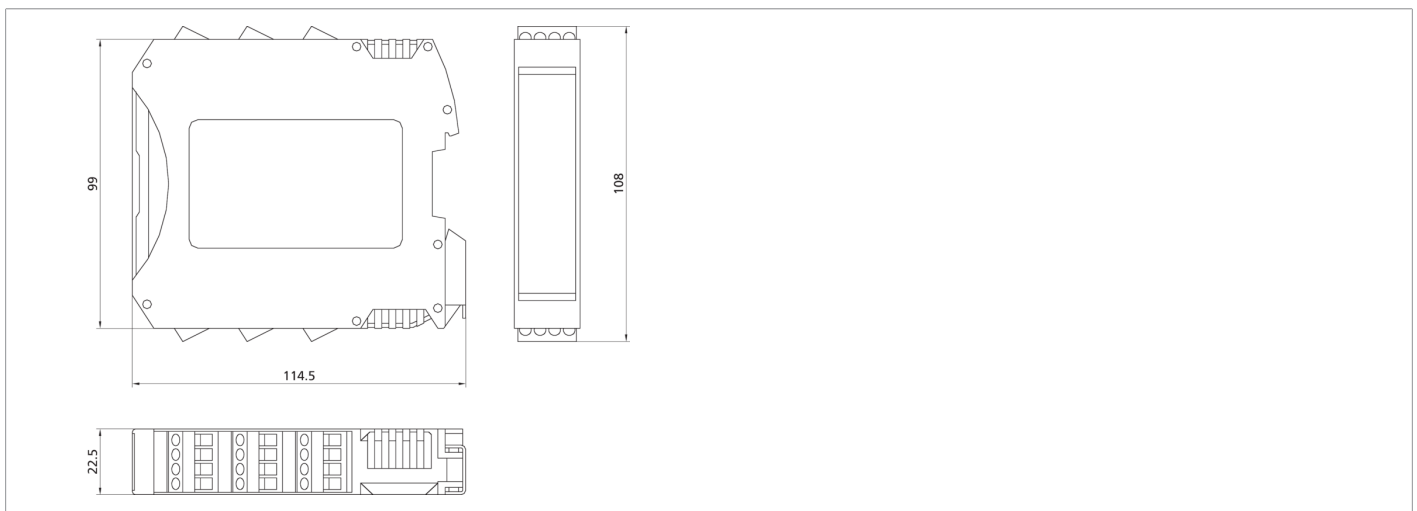








208388
MS-18-02
MS - Expansion unit

- 8 digital inputs
- 2 inputs to block start / restart and for external device monitoring (EDM)
- 2 OSSD pairs
- 4 test outputs for sensor monitoring
- 2 programmable digital signal outputs
- Connection to MS-1 master via MS-SC proprietary bus
- MS-SC plug connector included



| Function | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|---|---|---|
|  | | | | | | | | | | |  |  |  |

| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|--|
| Service voltage | 19.2 ... 28.8 V DC |
| Mounting | on DIN-rail in accordance with EN 50022-35 standard |
| Housing dimensions | 99 x 22.5 x 114.5 mm |
| Housing material | Plastic (PA) |
| Material | Metal (Locking hook) |
| Characteristic variables | SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Kat. 4 (EN ISO 13849-1) |
| Operating principle | Input expansion unit, Output expansion unit |
| Start / restart | 2 inputs (EDM) |
| Scope of delivery | multi-language installation sheet, MS - Plug Connector MS-SC |
| Safety inputs | 8 |
| Safety output | pnp (2 pairs OSSD), 400 mA / 24 V DC |
| Test outputs | 4 |
| Signal outputs | pnp (2x), 100 mA / 24 V DC, programmable |
| Communication | 5-way high-speed bus 5.0 |
| Display | LED (Input / output status and error diagnostics) |
| Ambient temperature during operation | -10 ... +55 °C |
| Protection type | IP 20 (Housing) / IP 2X (Terminal block) |
| Connection | removable terminal blocks, Screw contacts |

| More information / accessories | https://www.di-soric.com/208388 |
|--------------------------------|---|
|--------------------------------|---|