

## MS-OR4

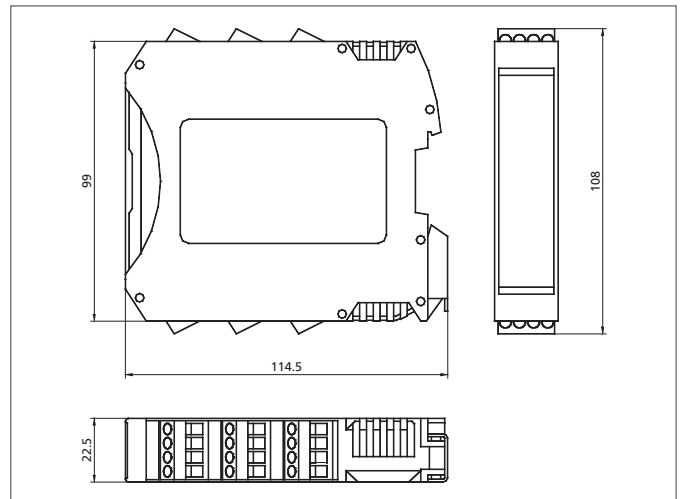
### MS - Expansion unit

- 4 safety relays with guided contacts
- 4 inputs for Start / Restart interlock and external device monitoring (EDM)
- Outputs can be configured as 4 single-channel outputs (safety cat. 1 or 2) or 2 dual-channels outputs (safety cat. 4) via the MS-SD software
- Connection to MS-1 master via MS-SC proprietary bus
- MS-SC connector included



#### Safety instructions

All the installation, connection and safety regulations, as per our technical information, have to be strictly adhered to.  
The set-up of the products have to be made by skilled staff, only.  
Repair exclusively made by di-soric.



| TECHNICAL INFORMATION (typ.)   |  | +20°C, 24 V DC   |
|--------------------------------|--|--|
| Characteristic parameters      |  | SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Cat. 4 (EN ISO 13849-1) |
| Mounting                       |  | rail fastening according to EN 50022-35 standard                       |
| Operating principle            |  | Safety relay module  |
| Size                           |  | 99 x 22.5 x 114.5 mm (Dimensions)                                      |
| Service voltage                |  | 19,2 ... 28,8 V DC   |
| Display                        |  | LED for output status  |
| Start / restart                |  | 4 inputs (EDM)   |
| Ambient temperature, operation |  | -10 ... +55 °C   |
| Protection class               |  | IP 20, (housing), IP 2X, (terminal blocks)                             |
| Casing material                |  | polyamide (with locking latch mounting made of metal)                  |
| Connection                     |  | removable terminal blocks, screw contacts                              |
| Communication                  |  | 5-way high-speed bus 5.0   |
| Scope of delivery              |  | multi-language installation sheet, MS - Connector MS-SC                |
| Safety relay outputs           |  | NO (4x)  |