

## MS-R4

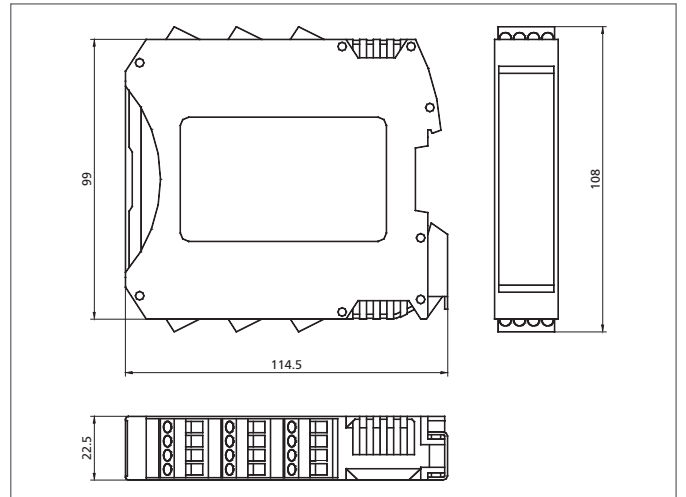
### MS - Expansion unit

- 4 safety relays with guided contacts
- 4 x NO, 2 x NC connectable to 2 independent OSSD pairs and 2 x NC contacts for external device monitoring (EDM)
- Each NO contact is interrupted twice by 2 safety relays
- Passive unit - can also be used separately from the MODSI system
- Connection directly to the selected OSSD - no MS-SC bus



#### 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   |
|----------------------------------|--|
| Safety level                     | 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  |
| External Device Monitoring - EDM | Feedback outputs (2x NC)   |
| Ambient temperature              | -10 ... +55 °C   |
| Protection class                 | IP 20 for housing, IP 2X for terminal blocks                           |
| Casing material                  | polyamide (with locking latch mounting made of metal)                  |
| Connection                       | removable terminal blocks, screw contacts                              |
| Communication                    | wired directly to OSSD   |
| Scope of delivery                | multi-language installation sheet                                      |
| Safety relay outputs             | NO (4x) + NC (2x), 6 A / 240 V AC                                      |
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