

## MS-R4

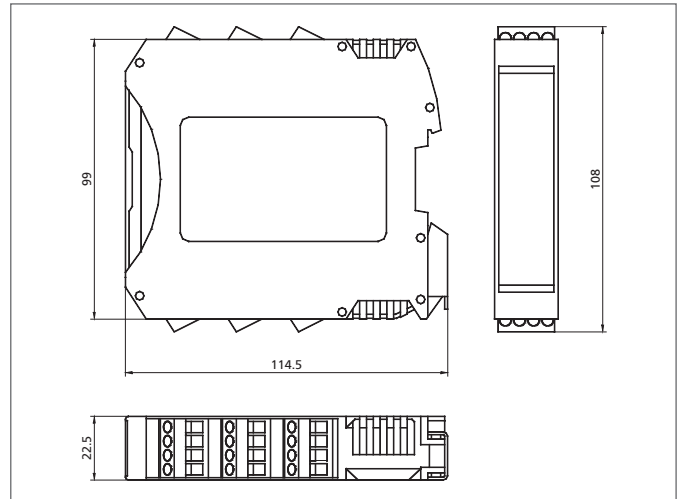
### MS - Expansion unit

- 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.)	
Characteristic parameters	<b>+20°C, 24 V DC</b> 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, 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	wired directly to OSSD
Scope of delivery	multi-language installation sheet
Safety relay outputs	NO (4x) + NC (2x), 6 A / 240 V AC