

## MS-OR4

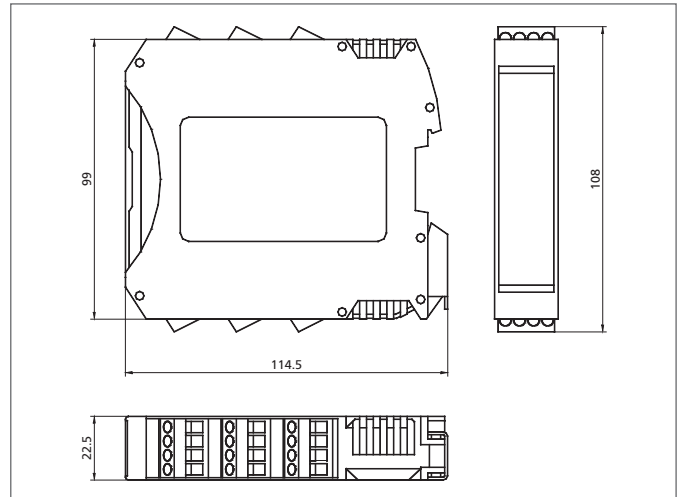
### MS - Expansion unit

- 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.)	
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
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)