

## MS-I8-02

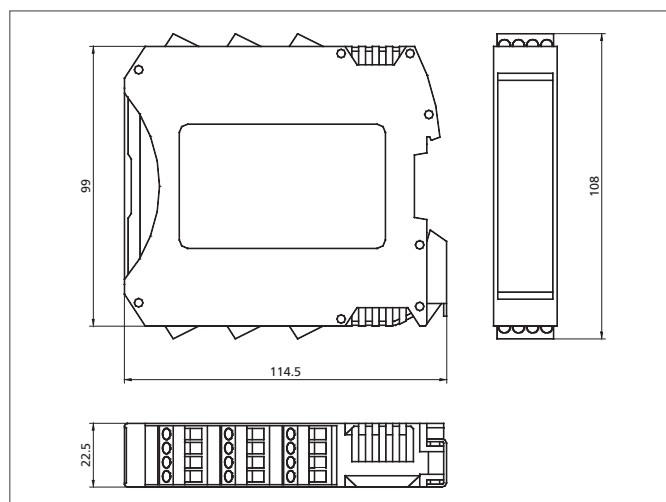
### MS - Expansion unit

- 8 digital inputs
- 2 inputs for Start / Restart interlock and 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 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		Input expansion unit, Output expansion unit
Size		99 x 22.5 x 114.5 mm (Dimensions)
Safety inputs		8
Safety output		PNP (2 pairs OSSD), 400 mA / 24 V DC
Service voltage		19,2 ... 28,8 V DC
Test outputs		4
Display		LED for input / output status and failure diagnosis
Start / restart		2 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
Signal outputs		PNP (2x), 100 mA / 24 V DC, programmable
Communication		5-way high-speed bus 5.0
Scope of delivery		multi-language installation sheet, MS - Connector MS-SC