

MS-1

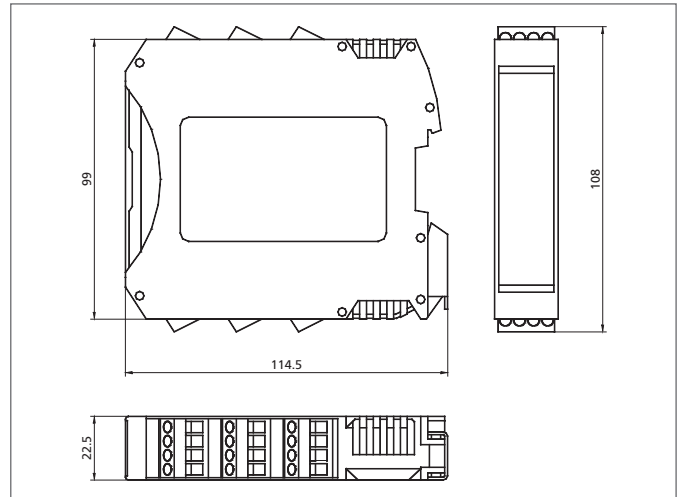
MS - Main unit

- Programmable main unit, able to control any other expansion unit
- Also usable as a stand-alone device
- Internal LOG file containing the last 5 configuration modifications
- Slot for optional MS-M configuration memory card
- MS-SC rear bus for connection with other expansion units
- USB interface for PC connection to configure via MS Safety Designer
- Including CD-ROM with MS Safety Designer software



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	Main unit MS-1 Master
Size	99 x 22.5 x 114.5 mm (Dimensions)
Characteristics	Memory card slot MS-M
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
Interface	USB
Display	LED for input / output status and failure diagnosis
Start / restart	2 inputs (EDM)
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
Signal outputs	PNP (2x), 100 mA / 24 V DC, programmable
Communication	5-way high-speed bus 5.0
Scope of delivery	CD-ROM containing the multi-language user manual, MS Safety Designer configuration software, multi-language installation sheet