

## MS-CT1

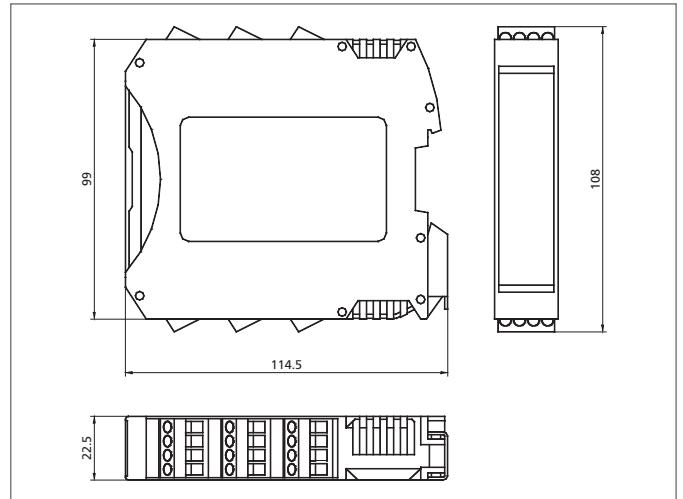
### MS - Expansion unit

- Ideal solution for the interconnection of the safety functions of several machines on a single production line
- Allowing the connection of remote expansions via the MS-SC bus
- Up to 50 m for each connection (total distance up to 250 m!)
- Start or ending in the network
- 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	Interface module
Size	99 x 22.5 x 114.5 mm (Dimensions)
Service voltage	19,2 ... 28,8 V DC
Display	LED for output status
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, interface with input or output, RJ-45 connector (1x), screw contacts
Cable	shielded RS485 cable, single connection max. 50 m, total length max. 250 m
Communication	5-way high-speed bus 5.0
Scope of delivery	multi-language installation sheet, MS - Connector MS-SC