

## MS-CT2

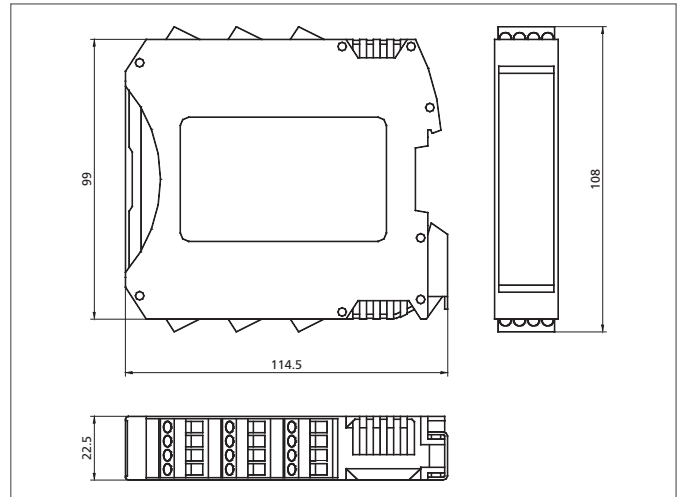
### MS - Expansion unit

- 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!)
- Interface 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.



| <b>TECHNICAL INFORMATION (typ.)</b> |  |
|-------------------------------------|--|
| Characteristic parameters           | <b>+20°C, 24 V DC</b><br>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 and output, RJ-45 connector (2x), 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  |
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