

## MS-V1T

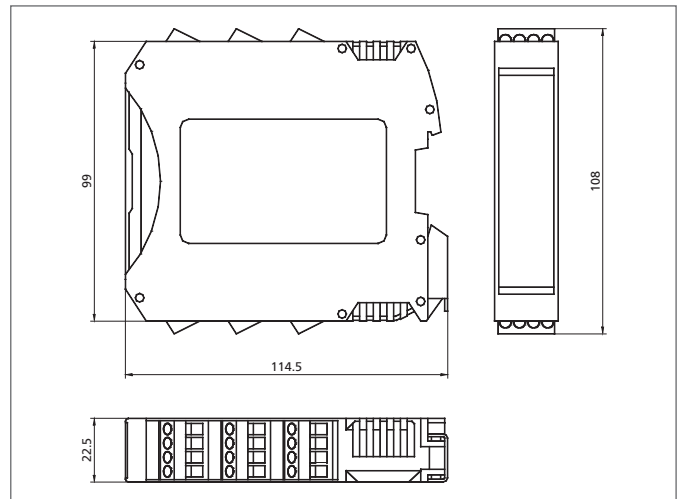
### MS - Expansion unit

- Monitoring of zero speed control, maximum speed, speed range and direction of rotation
- Up to 4 logically selectable speed thresholds (freely configurable) for each axis
- Two independent axes could be controlled simultaneously
- RJ-45 connector for encoder
- Terminal blocks for proximity switches
- 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 speed monitoring
Size	99 x 22.5 x 114.5 mm (Dimensions)
Safety inputs	1 for TTL encoder, 2 for PNP/NPN inductive proximity switches
Service voltage	19,2 ... 28,8 V DC
Display	LED for input status and failure diagnosis
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, RJ-45 connector (1x), screw contacts
Communication	5-way high-speed bus 5.0
Scope of delivery	multi-language installation sheet, MS - Connector MS-SC
Input frequency	< 500.000 Hz encoders, < 5.000 Hz inductive proximity switches