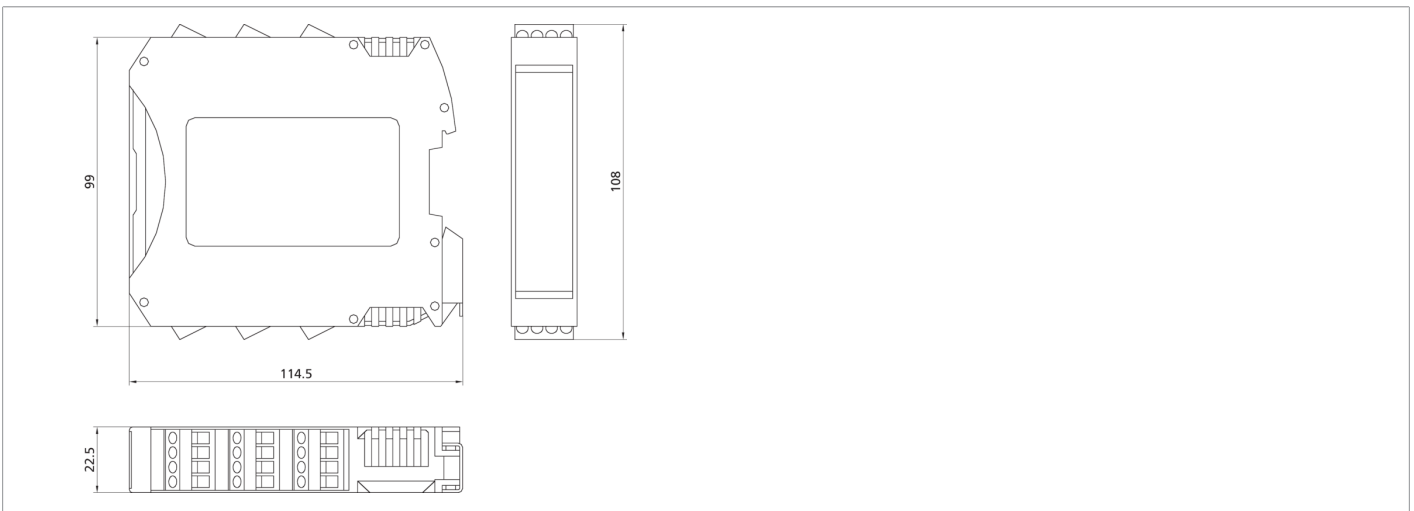




**208398**  
**MS-V1H**  
**MS - Expansion unit**

- Monitoring of standstill, maximum speed, speed ranges and direction of rotation
- Up to 4 selectable speed thresholds (freely configurable) for each axis
- Two independent axes can be monitored simultaneously
- RJ-45 connector for incremental encoder
- Terminal blocks for inductive proximity switches
- Connection to MS-1 master via MS-SC proprietary bus
- MS-SC plug connector included



**Function**



**Technical data (typ.)**

**+20°C, 24 V DC**

Service voltage	19.2 ... 28.8 V DC
Mounting	on DIN-rail in accordance with EN 50022-35 standard
Housing dimensions	99 x 22.5 x 114.5 mm
Housing material	Plastic (PA)
Material	Metal (Locking hook)
Characteristic variables	SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Kat. 4 (EN ISO 13849-1)
Operating principle	Safety speed monitoring
Scope of delivery	multi-language installation sheet, MS - Plug Connector MS-SC
Safety inputs	1 for HTL incremental encoder, 2 for pnp/npn inductive proximity switches
Communication	5-way high-speed bus 5.0
Input frequency (max.)	300,000 Hz Incremental encoder, 5,000 Hz Inductive proximity switches
Display	LED (Input status and error diagnostics)
Ambient temperature during operation	-10 ... +55 °C
Protection type	IP 20 (Housing) / IP 2X (Terminal block)
Connection	removable terminal blocks, RJ-45 connector (1x), Screw contacts

**More information / accessories**

<https://www.di-soric.com/208398>