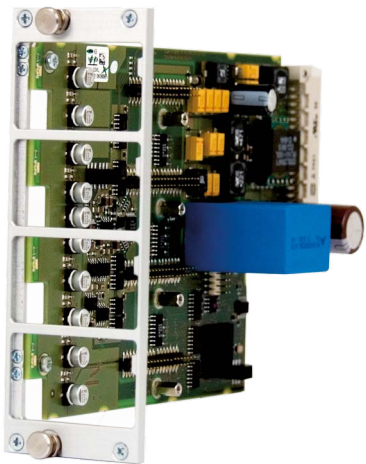


# Base Module

## MSR 211



The base module serves as the interface for the insert modules. The base module serves as the interface for the insertable modules; it is addressed over the LVDS bus. In the base module, galvanic isolation is implemented for the analog modules.

There is no galvanic isolation between the analog channels of a base (the 8B module is an exception). The base module has space for a maximum of 4 insertable modules. The  $\pm 5\text{ V}$  analog input signals are converted with the 18-bit converter in the base module.

The base module provides a short-circuit proof, galvanically isolated 24 V supply voltage for the AI, AO and 8B modules. This voltage can be shut off and has a 100 mA load capacity per channel.

### Article Number and Miscellaneous

Article number	18-001-211
Hardware version	1.x

### Environmental Conditions

Storage temperature	-30 ... +85 °C	
Operating temperature	0 ... +60 °C	
Humidity	0-95 %, non-condensing	
EMC stability	in accordance with EN 61000-6-2:2001 (industrial area)	
Shock resistance	EN 60068-2-27	150 m/s <sup>2</sup>
Protection type	EN 60529	IP00

## Notes

