



## An entire series of compact solutions.

**Temperature limiters/monitors** have direct connection options for resistance thermometers or thermocouples, as well as indirect connection via standard signal inputs.

**Transducers** detect electrical signals and transform them into standard signals of automation technology. The signal range comprises input-side and resistance sensors, as well as thermocouples, resistance transmitters or standard signals.

**Limit value switches** can evaluate temperatures and voltage, current and resistance signals.

**Signal isolators** are used for implementation, stabilization and isolation of signals. Isolators can be used for switching signals and for analogue signals, as well as with and without transmitter supply.



## Contact information: our customer service.

We would be glad to assist you with any questions about our mounting rail devices. Give us a call!

### We look forward to your enquiry



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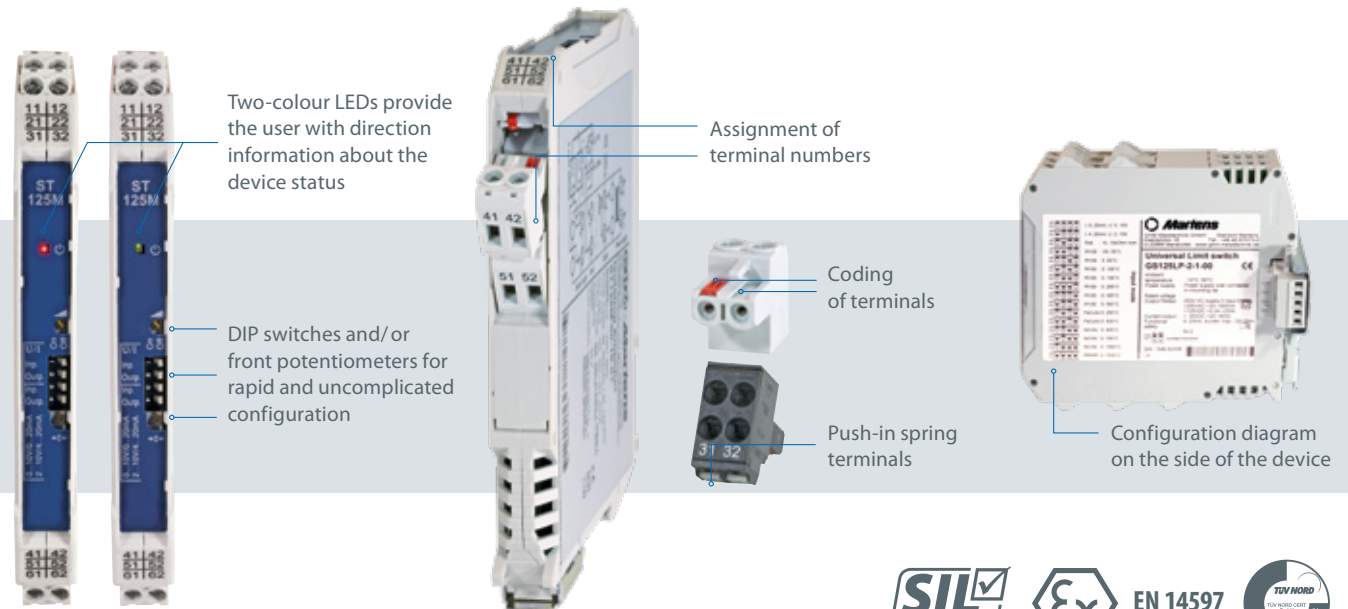
**Mounting rail modules for  
switch cabinet installation:**  
quality and efficiency in  
components for connection.

INDUSTRIAL ELECTRONIC  
GHM-RAIL SERIES





## Consultation, service, quality – we set signals. Success on the entire rail.



## Functional modules for signal-processing experts.

The Center of Competence Martens of the GHM GROUP offers you connection to a high-quality product range. Whether it involves measuring transducers, isolating amplifiers, limit value transmitters, temperature limiters/ monitors or safety temperature limiters/ monitors, with Martens you will find all the right products for the widest range of functions in signal processing. Thanks to compatibility with other manufacturers and uniform supply voltage via top-hat rail, the GHM-Rail series enables incredibly quick installation. Even hot swaps during operation are possible without relevant downtimes. The Rail series specialists conform to standards according to EN 14597 and EN 61508 (SIL 2), wherein proven components are used for switch cabinet installation.

GHM-Rail is designed for use in all industrial fields of application. Compact measuring transducers, isolating amplifiers, limit value switches and limiters build the foundation for safe and standard-compliant signal processing within all processes.

### Ideas in store.

With quick and easy installation and signal processing insulated from environmental conditions, the GHM-Rail series enables high accuracy and reproducibility in an optimal price/performance ratio. The low number of components needed to solve all tasks also reduces stockkeeping costs.



EN 14597



## Installation that saves space and time.

The mounting rail devices are distinguished by a small contact spacing of only 12.5 mm and 22.5 mm wide with a space-saving design. Adjusting elements on the front of the device and clear status indicators with multi-colour LEDs or displays and a brief description on the side of the device reduce installation times drastically. The modern electronic design also reduces energy consumption and increases long-term stability and device service life.