RSM01

RS-485 module

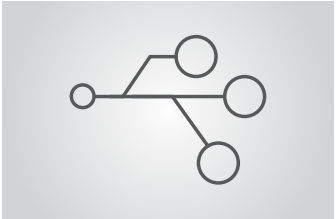
For barrier control

The RS-485 module can be used to control Magnetic barriers via the ModBus RTU protocol, read out operating states and configure settings. The module is particularly suitable for system integrators. It enables you to develop your own user interfaces or to integrate the barriers into a central parking system.
In addition, you can also obtain a quick overview of the barrier status from a distance.

The RS-485 module can be used in all Magnetic barriers with the MGC Pro control unit. It is plugged into a free slot and self-installs via plug-and-play.

Technical data	RSM01
Current consumption	50 mA
Configurable interface parameters	Baud rate, parity, slave address, 2-/4-wire operation, termination, bias resistors
Baud rate and parity	9,600/19,200 baud, even/odd/no
Slave address	1–247
2-/4-Wire operation	2-wire (half-duplex), 4-wire (full-duplex)
Cable and connector type	Twisted pair with screw-type terminals
Maximum line length	1000 m

Simple integration
The RS-485 module allows you to easily integrate your barriers into higher-level parking systems. The connection via ModBus RTU enables the barriers to be queried and controlled via the serial cabling.



Comprehensive connectivity
You can control and monitor your Magnetic barriers in numerous ways: in addition to the RS-485 module, modules are available for the Ethernet, CAN, mobile communications in the 2G and 4G network as well as for FM radio in the 433 MHz band.

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- Barrier control and query via the ModBus RTU protocol
- Barrier status query
- Extension module for the MGC Pro control unit
- Easy to install with plug-and-play
- Integrated user administration

The RS-485 module can be used in the following barriers:

Item number	Description	Access	Access -L	Access Pro	Access Pro-L	Access Pro-H	Access XL2	Access XXL	Parking Pro	Toll
RSM01	RS-485 module			•	•	•	•	•	•	•

Controllable functions via ModBus RTU

Control barrier (open/close)
Barrier status query
Input and output status query
Induction loops status query
Barrier parameter configuration

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