

MGC Control Module

RS-485 Interface (RSM01)

The RS-485 module RSM01 is an add-on interface for MHTM™ MicroDrive barriers. It can be plugged directly into the control unit (Plug & Play).

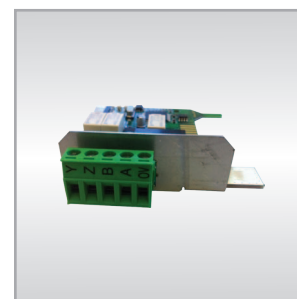
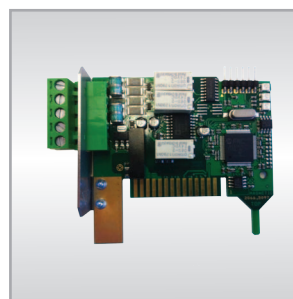
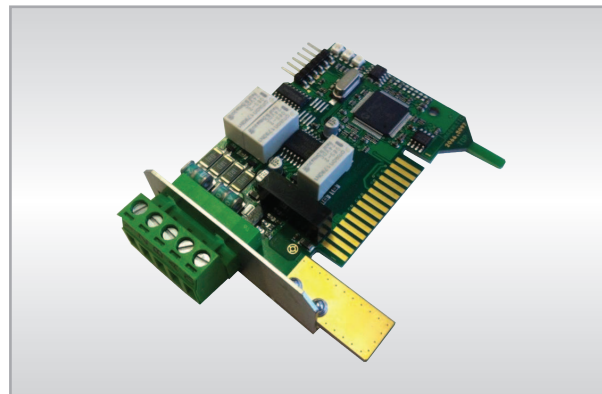
The module allows controlling the barrier and getting feedback via serial ModBus protocol.

Up to 247 barriers can be connected to a network.

The interface is galvanically isolated. It can be operated in a 2-wire (half duplex) or 4-wire configuration (full duplex).

All interface parameters can be selected via menus of the MGC control unit.

Termination and bias resistors can also be switched on and off via separate menus.



Technical data

Current consumption	50 mA
Selectable interface parameters	Baud rate, parity, slave address, 2-/4-wire operation, termination and bias resistors
Baud rate	9.600 / 19.200 Baud
Parity	Even, odd, no
Slave address	1 - 247
2- / 4-wire operation	2-wire (half duplex), 4-wire (full duplex)
Cable type	Twisted-Pair
Connector type	Screw terminals
Maximum cable length	3937 ft

Supported Barrier Types

Magnetic.Access	all Pro and Select models
Magnetic.Parking	all Pro and Select models
Magnetic.Toll	all