



## MRS

### RS-485/RS-232 ACCESS CONTROL MODULE



## APPLICATION

» additional RS-232 and RS-485 bus access control extension

## FEATURES

» co-operation with remote monitoring systems  
» galvanic separation  
» easy installation  
» operation kept to a minimum  
» small dimensions

## COMMUNICATION

» serial communication with MSU0d site supervision controller

## DESCRIPTION

MRS Expander (protocol translator) is designed for co-operation with MSU0d site supervision controller.

It communicates with MSU0d controller by SPI bus. This interface is used as telecom power system, UPS and other devices with RS-232C or RS-485 communication ports protocol translator.

It allows to connect other devices with RS-232C or RS-485 to the system and MSU0d supervision site controller.

The MRS module provides galvanic isolation between communications ports.

Nominal supply voltage	12 VDC
Voltage supply range	9 ÷ 14 V
Max power consumption	1 W
Communication bus	RS-232, RS-485
Max RS-485 length	100 m
RS-485 impedance	120Ω
Max RS-232 transmission speed	115,2 kb
Max RS-232 length	20 m
Max number of modules	8
Max internal serial bus length	50 cm
International Protection Rating	IP20
Ambient temperature	-20 ÷ +50°C
Recommended relative humidity	90%
Dimensions (L x H x D)	95 x 78 x 58 mm
Weight	65 g