

MMSDR

Communication module

Basic functions

- Enables doubling, redundancy of DTE device by RS232C
- DCE device can also have hardware control of the data direction

Application

Passive splitter for connecting 2 DTE devices with 1 DCE device according to the RS232C standard with 2 pairs of input-output signals. The DCE device is connected to OUT connector and DTE devices are connected to IN1, i.e. IN2, using a null modem cable.

Design

The MMSDR module is designed to be installed on the DIN rail dimensions 40x110mm.

Connection

Number of inputs	2
Number of outputs	1
Interface type	DB9 RS232C

Technical specifications

Input Voltage

Nominal value	$V_s = -12$ to $+12V$
Logical "0"	$+3$ to $12V$
Logical "1"	from $-12V$ to $-3V$

Power supply for electronics

The device is completely passive so it does not require special power supply

Temperature

Operating (standard) 0 to $50^{\circ}C$

Relative humidity

5 to 95%

