



Datenblatt - Fiche technique - Data sheet

12.02.1004



ROLINE USB 2.0 nach RS422/485 Adapter für DIN Hutschiene

ROLINE Adaptateur USB 2.0 vers RS422/485 pour rail DIN

ROLINE USB 2.0 to RS422/485 Adapter, with Isolation, for DIN Rail

Item no. 12.02.1004

ROLINE USB 2.0-RS422/485 Adapter, DIN Rail



Features:

- Converter to connect serial devices to a USB port on a computer
- Mode: Asynchronous serial communication
- Compatible with USB 2.0, USB 1.1, USB 1.0
- Isolation 3000 VDC (optical)
- Connectors: 5-pin terminal block, 1x Mini USB type B
- Data transfer rate of up to 115.2 Kbit/s
- Terminal resistance and Echo mode
- DIP switches for terminal settings to 120 ohm resistors
- Signals: TX+, TX-, RX+, RX-, SGND
- Protection: 15KV ESD protection for all signals, RS 422/485 signals surge protection
- Status LEDs (TXD, RXD)
- For DIN rail mounting
- Power supply over Mini USB type B connector (54 mA)
- Supported Operating Systems: Windows 98SE/ME/2000/ XP/Vista/Server 2003/Server 2008/Windows 7

Serial Converter

Mode	Asynchronous serial communication
Speed	Up to 115.2 kbps
Connector	Terminal Block 5P 5.08mm
Signals	TX+,TX-,RX+,RX-,SGND
Protection	15KV ESD Protection for all signals RS422/485 signals Surge Protection
Data Bits	7,8
Stop Bits	1,2
Flow Control	RTS/CTS,XON/XOFF
Parity	None,Even,Odd,Space,Mark
IRQ	Assigned by BIOS
FIFO	TX Buffer 128 bytes, RX Buffer 256 bytes
Switch	RS422 Term.Resistor setting
	RS485 Term.Resistor setting
	RS485 Echo/non-Echo selection
	RS422/485 selection

Define - Terminal Block Pin

	RS422	RS422Multi-Drop/RS485 4W	RS485
1 TX+		TX+	
2 TX-		TX+	
3 RX+		RX+	DATA+
4 RX-		RX-	DATA-
5 SG		SG	SG

Define - DIP Switch

DIP SW SET	1	2	3	4	
0=OFF,1=ON	0	0	0	x	RS422
	0	0	1	x	RS422
	1	0	1	x	RS485 4W,RS422 Multi Drop
	0	1	0	x	RS485 2W NO ECHO
	0	1	1	x	RS485 2W ECHO
	x	x	x	1	RS422/485 Term.Resistor ON