

USB to Serial: How can I configure USB-COM-I for RS485/RS422 mode?

Inside the unit, there is only a header block (old configuration) or a header block and a DIP-Switch (

Old Configuration
New Configuration

Jumper Block
DIP Switches
Jumper Block

RS422 Mode Configuration

Old Configuration
New Configuration

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Jumper
Function
Jumper
Function

1-2
TxD / RxD Termination of 120 Ohm
1-2
10-11
TxD / RxD Termination of 120 Ohm

3-4
CTS / RTS Termination of 120 Ohm
19-20
CTS Termination of 120 Ohm

9-10
TxD Driver Always ON
DIP-Switch
ON ON ON

13-14
RxD Driver Always ON
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⌘

17-18
CTS Handshaking
⌘
⌘

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RS485 Half Duplex No Echo Mode Configuration

Old Configuration
New Configuration

Jumper
Function
Jumper
Function

1-2
TxD / RxD Termination of 120 Ohm
1-2
TxD / RxD Termination of 120 Ohm

5-6
7-8
TxD / RxD Single pair

DIP-Switch
OFF OFF OFF

11-12
Enable TxD Driver only when transmitting
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15-16

Transmit Data Echo Suppression Mode

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19-20

CTS always enabled

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Unique solution ID: #1105

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