

**TECHNICAL PARAMETERS**

maximal transfer rate	115 kb/s
maximal recommended line length	1 200 m
galvanic separation	1 kV
overvoltage (soft) protection – line RS422	600W/1ms
overvoltage (soft) protection – power supply	600W/1ms
power supply polarity inversion protection	diode
selectable terminator	100 Ω
number of channels (RxD, TxD)	2
connector RS232	screw
connector RS422	screw
connector power supply	screw
power supply	9 – 30V DC
power consumption	max 2W
optical indication LED	red PWR yellow RxD green TxD
operating temperature	0 to 70 °C
dimensions	90 x 54 x 58 mm

**DIN 2.1/422D***isolated two-channel converter***RS 232 ↔ RS 422****WARRANTY CONDITIONS**

ComErgon provides full warranty of 12 month for serial interface module DIN 2.1/422D starting on the day of purchase.

The warranty is except for the cases in which the functioning of the module has been affected by faulty manipulation, natural catastrophes or other external factors.

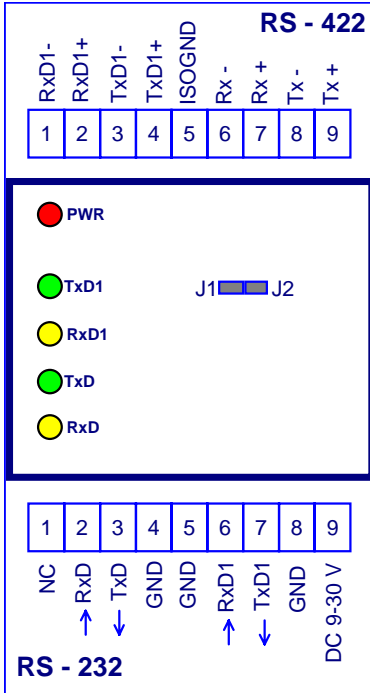


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## LAYOUT OF JUMPERS AND CONNECTORS



## CONNECTION OF TWO MODULES

module 1	module 2
pin	pin
<b>FULL DUPLEX</b>	
(Rx1 -) 1	3 (Tx1 -)
(Rx1 +) 2	4 (Tx1 +)
(Tx 1-) 3	1 (Rx1-)
(Tx1 +) 4	2 (Rx1 +)
ISO GND 5	5 ISO GND

## SETTING OF OPERATING MODES

JUMPER	PIN	FUNCTION
<b>TERMINATOR</b>		
<b>J1</b> Rx1, Tx1	ON *	terminator 120 Ω
	OFF *	terminator disconnected
<b>J2</b> Rx, Tx	ON *	terminator 120 Ω
	OFF *	terminator disconnected

## STANDARD SETTING

terminator (both channels)

120 Ω