

TECHNICAL DATA

max. transfer rate	115 kb/s
recommended max. line length	1 200 m
galvanic separation	1 kV
optical isolation	2.5 kV
selectable terminator	100R
connector RS232, PWR	screw
connector RS422	screw
overvoltage (soft) protection - RS422 side	600W/1ms
overvoltage (soft) protection – power supply	600W/1ms
power supply polarity inversion protection	diode
optical indication (LED)	red PWR
	yellow RxD
	green TxD
power supply	9 - 30 V DC
power consumption	max 1.1 W
dimensions	90 x 36 x 58mm

**CONDITIONS OF WARRANTY**

ComErgon Ltd. provides full warranty of 24 month for serial interface module DIN 2.1/422, 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.

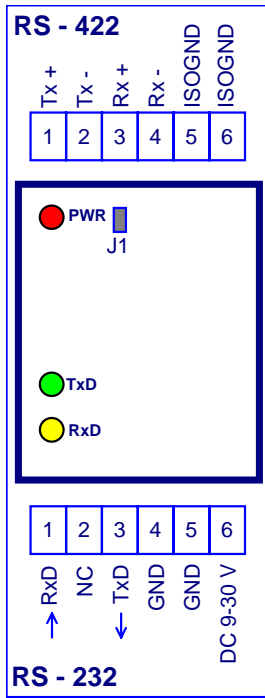
DIN 2.1/422*isolated converter***RS 232 ↔ RS 422**

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LAYOUT OF JUMPERS AND CONNECTORS



CONNECTION OF TWO MODULES

module 1	module 2
pin	pin
FULL DUPLEX	
(Tx +) 1	3 (Rx +)
(Tx -) 2	4 (Rx -)
(Rx -) 4	2 (Tx -)
(Rx +) 3	1 (Tx +)
ISO GND 5	5 ISO GND

SETTING OF OPERATIONAL MODES

JUMPER	PIN	FUNCTION
TERMINATOR		
J1	ON *	terminator 120 Ω
	OFF *	terminator disconnected

STANDARD SETTING

terminator

120 Ω