

TECHNICAL DATA

supported modes	RS422 – RS422 RS422 – RS485 RS422 – controlled RS422
maximal transfer rate	3 Mb/s
maximal line	1 200 m
selectable terminator	100 / 120 Ω
connector RS422 side	screw
connector RS422/RS485 side	screw
overvoltage (soft) protection - line	600W/1ms
overvoltage (soft) protection - mains	600W/1ms
optical indication (LED)	red PWR yellow - transfer ← green - transfer →
power supply	9 - 30 V DC 10 - 24V AC
power consumption	max 1.5 W
dimension	90 x 52 x 58mm



CONDITIONS OF WARRANTY

ComErgon Ltd. provides full warranty of 12 month for serial interface module DIN 2.2/422R starting on the day of purchase.

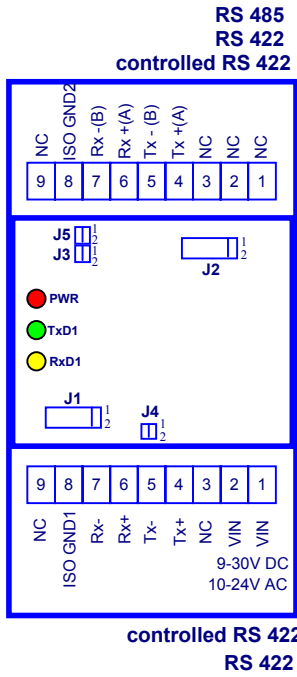
The warranty is except for the cases in which the functioning of the module has been affected by faulty manipulation, natural catastrophes or other external factors.



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CONNECTOR AND JUMPER LAYOUT



STANDARD SETTING – mode repeater RS422

terminator
mode for RS422/RS485 side
transmitter control
receiver control
pull-up, pull-down for receiver

100 / 120 Ω
RS422
permanent
permanent
ON

OPERATING MODE SETTING

JUMPER	POSITION	FUNCTION
J5	1 - 2, 3 - 4	mode RS485
	-	mode RS422
J1 (J2)	1 - 2	terminator
	3 - 4	pull-up for receiver
	5 - 6	pull-down for receiver
	7 - 8	pull-up for transmitter
J4 (J3)	1 - 2 ON *	transmitter control by TxD
	1 - 2 OFF *	transmitter permanent
	3 - 4 ON *	receiver inverse to TxD
	3 - 4 OFF *	receiver permanent

* **ON** – jumper connected, **OFF** – jumper open

J1, J4 - RS422 side

J2, J3, J5 - RS422/RS485 side

LINE CONFIGURATION – RS422/RS485 side

