

TECHNICAL DATA

maximal transfer rate	3 Mb/s
maximal line length	1 200 m
galvanic isolation	1 kV
transmitter deactivation while error	WATCH DOG
selectable terminator	120 R
connector RS485	screw
connector power supply	screw
overvoltage (soft) protection – line RS485	600W 10/1000µs
overvoltage (soft) protection – power supply	600W 10/1000µs
optical indication (LED)	red PWR yellow transfer ← green transfer →
power supply	9 - 30 V DC 10 - 24V AC
input power	max 2 W
dimension	90 x 36 x 58mm

do not need setting of transfer rate and protocol parameters



CONDITIONS OF WARRANTY

ComErgon Ltd. provides full warranty of 24 month for serial interface module DIN 2.2/485R, 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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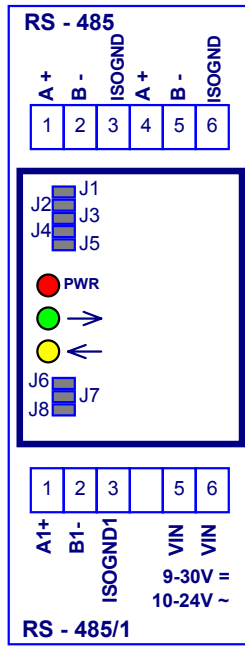


DIN serie

DIN 2.2/485R
isolated RS485 repeater



LAYOUT OF JUMPERS AND CONNECTORS



STANDARD SETTING

terminator (RS485, RS485/1)
 connected signals
 hold line
 (pull-up, pull-down)

120 R
A, B, A1, B1
connected

SELECTION OF OPERATING MODES

JUMPER	POSITION	FUNCTION
LINE PARAMETERS, TERMINATOR		
J1	ON *	connected signal A
J2	ON *	connected signal B
J3, J6	ON *	hold line (pull-up)
J4, J7	ON *	hold line (pull-down)
J5, J8	ON *	terminator 120 Ω

* ON – jumper connected, OFF – jumper disconnected

J1, J2, J3, J4, J5
 J6, J7, J8

setting for RS485
setting for RS485/1

CONFIGURATION OF RS485 LINE

