

## TECHNICAL DATA

maximal transfer rate	3 Mb/s
maximal line length	1 200 m
galvanic isolation – each side	1 kV
transmitter deactivation while error	WATCH DOG
selectable terminator	120 R
connector RS485, RS485/1	screw
connector power supply	screw
overvoltage (soft) protection – line RS485	600W/1ms
overvoltage (soft) protection – power supply	600W/1ms
power supply polarity inversion protection	diode
optical indication (LED)	red PWR yellow transfer ← green transfer →
power supply	9 - 50 V DC
power consumption	10 - 34V AC
dimensions	max 1.5 W 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.

ver 3.0



phone / fax: +421-2- 4488 9090

Cachticka 23, 831 06 Bratislava  
Slovak Republic

e-mail: [service@comergon.sk](mailto:service@comergon.sk)  
<http://www.comergon.sk>



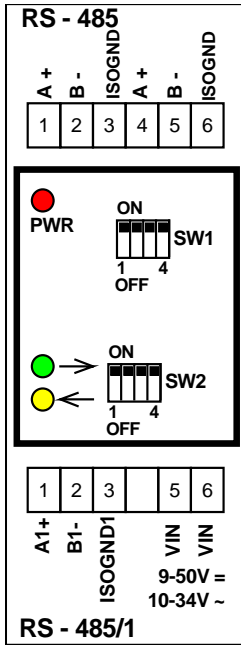
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# DIN 2.2/485R

## isolated RS485 repeater



## LAYOUT



## STANDARD SETTING

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

**120 R**  
**connected**

## SETTING OF OPERATING MODES

SWITCH - POSITION	POSITION	FUNCTION
<b>HOLD LINE, TERMINATOR</b>		
<b>SW1.SW2 - 1</b>	ON *	terminator 120R
<b>SW1.SW2 - 2</b>	ON *	hold line (pull-up)
<b>SW1.SW2 - 3</b>	ON *	hold line (pull-down)
<b>SW1.SW2 - 4</b>	NC	not connected

\* **ON** - connected, **OFF** - disconnected

**SW1** setting of RS485  
**SW2** setting of RS485/1

## CONFIGURATION OF RS485 line

