

## STANDARD SETTING

receiver control  
transmitter control  
terminator  
pull-up, pull-down

RTS log 0  
RTS log 1  
120  $\Omega$   
connected



## TECHNICAL DATA

max. transfer rate	115 kBd
max. line length	1 200 m
isolation	1 kV
selectable terminator	120 $\Omega$
connector RS232c, PWR	screw
connector RS485	screw
operating mode selection	rotary switch
overvoltage (soft) protection - RS485	600W/1ms
overvoltage (soft) protection - PWR	600W/1ms
polarity inversion protection	diode
optical indication (LED)	red PWR yellow RxD green TxD
power supply	9 - 30 V DC
power consumption	max 1.2 W
dimension	90 x 36 x 58mm

## DIN 2.4/485

*jednokanálový prevodník rozhraní*

**RS 232c**  $\leftrightarrow$  **RS 485**

*s ich galvanickým oddelením*

## CONDITIONS OF WARRANTY

ComErgon Ltd. provides full warranty of 12 month for serial interface module DIN 2.4/485 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.

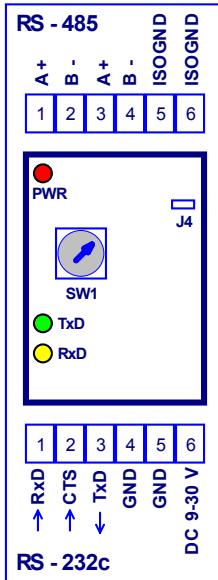


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## LAYOUT OF CONNECTORS



## MODULE CONNECTION

module 1 pin		module 2 pin
<b>HALF DUPLEX</b>		
A (Tx +) 1_3	↔	3_1 (Rx +) A
B (Tx -) 2_4	↔	4_2 (Rx -) B
ISO GND 5_6	-----	5_6 ISO GND

## OPERATING MODE SELECTION

SW1	TRANSMITTER CONTROL	RECEIVER CONTROL	120Ω+ pull-up, down for RECEIVER
0	RTS In01	RTS In00	disconnected
1	RTS log0	RTS log1	disconnected
2	RTS log1	permanent	disconnected
3	RTS log0	permanent	disconnected
4	TxD	inverse to TxD	disconnected
5	TxD	permanent	disconnected
6	*		
7	forbidden	forbidden	disconnected
8	RTS log1	RTS log0	connected
9	RTS log0	RTS log1	connected
A	RTS log1	permanent	connected
B	RTS log0	permanent	connected
C	TxD	inverse to TxD	connected
D	TxD	permanent	connected
E	*		
F	forbidden	forbidden	connected

*SW1 position 8 to F – when J4 is OFF – terminator is not connected while pull-up and pull-down are connected*

\* position 6 and E are without any function