

**STANDARD SETTING**

transmitter control	RTS log 1
receiver control	RTS log 0
terminator	120 $\Omega$
hold line pull-up, pull-down	connected

**TECHNICAL PARAMETERS**

maximal transfer rate	115 kBd
maximal line length	1 200 m
galvanic separation	1 kV
overvoltage (soft) protection – line RS485	600W/1ms
overvoltage (soft) protection – power supply	600W/1ms
power supply polarity inversion protection	diode
optical indication	RxD, TxD, PWR
terminator	120 $\Omega$
connector RS232c	D-SUB 25 pin F (M)
connector RS485	D-SUB 09 pin M
power supply	9 to 30V DC
power consumption	max 1 W
IP	IP 30
operating temperature	0 to 70 °C
storage temperature	-40 to 100 °C
dimensions (l x h x b)	90 x 20 x 54 mm

**MINI 2.2/485***one channel converter***RS 232c ↔ RS 485***with full galvanic separation***WARRANTY CONDITIONS**

ComErgon provides full warranty of 12 month for serial interface module MINI 2.2/485 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.

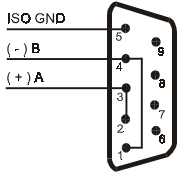


tel.: +421-7- 4445 8783  
tel./ fax.: +421-7- 4425 9006

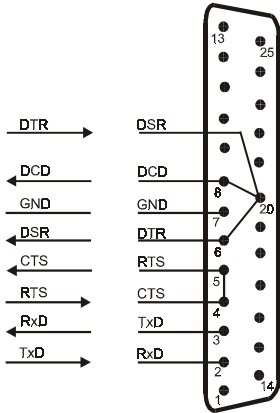
Pionierska 15, 831 02 Bratislava  
Slovak Republic  
e-mail: [service@comergon.sk](mailto:service@comergon.sk)  
http: [www.comergon.sk](http://www.comergon.sk)

## INPUT AND OUTPUT CONNECTOR

RS 485 side



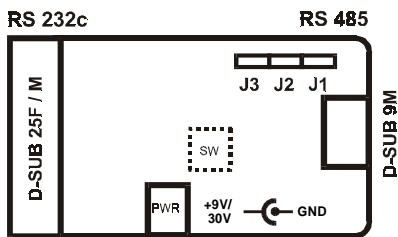
RS 232 side  
PC MINI 485



## SELECTION OF OPERATING MODES – by rotary switch

SW	TRANSMITTER CONTROL	RECEIVER CONTROL
0	RTS log1 (< -3V)	RTS log0 (> +3V)
1	RTS log0	RTS log1
2	DTR log1	DTR log0
3	DTR log0	DTR log1
4	RTS log1	permanent
5	RTS log 0	permanent
6	DTR log1	permanent
7	DTR log0	permanent
8	TxD	inverse to TxD
9	TxD	permanent
<b>TERMINATOR, HOLD LINE</b>		
jumper J1	ON	terminator 120 Ω
jumper J2	ON	hold line – pull down
jumper J3	ON	hold line – pull up

## LAYOUT OF JUMPERS AND CONNECTORS



## CONFIGURATION OF RS485 LINE

