

STANDARD SETTING

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

RTS log 1
RTS log 0
120 Ω
connected



TECHNICAL PARAMETERS

maximal transfer rate	115 kb/s
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 Ω
connector RS232c	D-SUB 25 pin F
connector RS485	D-SUB 09 pin M
power supply	9 to 30V DC
power consumption	max 1 W
operating temperature	0 to 70 °C
storage temperature	-40 to 100 °C
dimensions (l x h x b)	90 x 20 x 54 mm



WARRANTY CONDITIONS

ComErgon provides full warranty of 24 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.



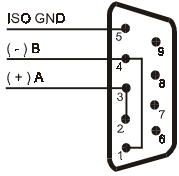
phone: +421-2- 4488 9090
fax.: +421-2- 4487 3525

Cachticka 23, 831 06 Bratislava
Slovak Republic
e-mail: service@comergon.sk
http: www.comergon.sk

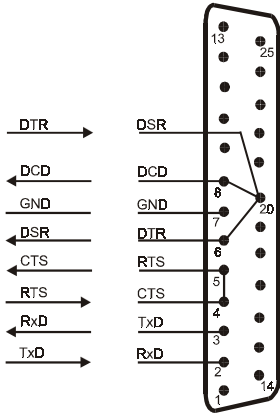


INPUT AND OUTPUT CONNECTOR

RS 485 side



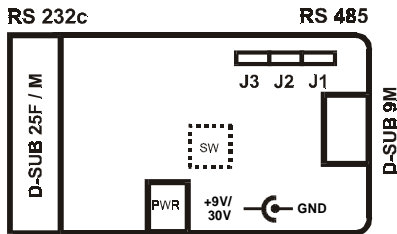
RS 232 side
PC MINI 485



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
TERMINATOR, HOLD LINE		
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

