

OPTICAL INDICATION

PWR - red LED -
RxD - yellow LED -

power supply
receive



TECHNICAL PARAMETERS

maximal transfer rate	115 kb/s
maximal line length	1 200 m
galvanic separation	1 kV
overvoltage (soft) protection – line RS485	400W/1ms
overvoltage (soft) protection – power supply	600W/1ms
power supply polarity inversion protection	diode
terminator	120 Ω
connector RS232c	D-SUB 25 pin F (M)
connector RS485	D-SUB 09 pin M
power supply	7 to 12V 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)	62 x 15 x 54 mm



WARRANTY CONDITIONS

ComErgon provides full warranty of 12 month for serial interface module MINI 2.1/485 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.



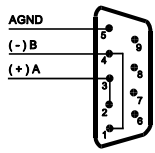
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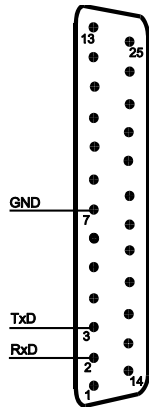


INPUT AND OUTPUT CONNECTOR (MINI)

RS 485 side



RS232c side



STANDARD SETTING

transmitter control RS485
 receiver control RS485
 terminator

by signal TxD
 inverse to transmitter control
 120 Ω + pull up, down

CONNECTION OF TWO MODULES

module 1		module 2	
pin		pin	
HALF DUPLEX			
(-) B	1_4	↔	4_1 (-) B
(+) A	2_3	↔	3_2 (+) A

SELECTION OF OPERATING MODES

JUMPER	PIN	FUNCTION
RECEIVER CONTROL		
J3 signal	1 - 2	permanent
	2 - 3	inverse to transmitter control *
TERMINATOR, PULL-UP, PULL-DOWN		
J1, J2	ON, ON	120 Ω + pull up, pull down
J1, J2	OFF, OFF	without terminator

* transmitter controlled by signal TxD

LAYOUT OF JUMPERS AND CONNECTORS

