

OPTICAL INDICATION

PWR - red LED - power supply
RxD - yellow LED - receive

TECHNICAL PARAMETERS

maximal transfer rate	115 kBd
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



MINI serie

MINI 2.1/485

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 2.1/485 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.

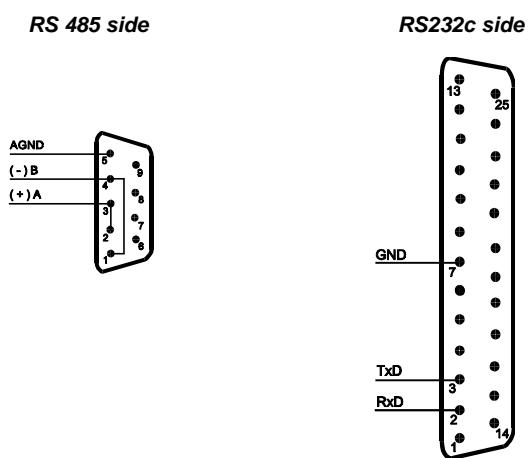


tel.: +421-7- 4445 8783
tel./ fax.: +421-7- 4425 9006

Pionierska 15, 831 02 Bratislava
Slovak Republic
e-mail: service@comergon.sk
http: www.comergon.sk



INPUT AND OUTPUT CONNECTOR (MINI)



CONNECTION OF TWO MODULES

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

STANDARD SETTING

transmitter control RS485
receiver control RS485
terminator

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

