

TECHNICAL DATA

WIFI	
standard	IEEE 802.11b; 802.11g
frequency range	2.412 – 2.484 GHz
output power	14dBm +1.5 dBm/-1.0 dBm
data rates	54Mb/s - 1Mb/s
SERIAL INTERFACE	
mode	RS232 / RS 422 / RS485
data format	8N1, 8O1, 8E1, 7O1 7E1 8N2, 8O2, 8E2, 7O2 7E2
flow control	None, XON/XOFF, CTS/RTS
transfer rate	300b/s – 230b/s
transferred signals	RxD, TxD, RTS, CTS + modem IN, modem OUT
transmitter control – mode RS485	by signal TxD
receiver control – mode RS422	permanent
optical indication	serial RxD, TxD radio ACT, Tx , PWR
serial connector	RJ45
antenna connector	SMA
power supply connector	plug 1.3mm
power supply	9-50V DC, 10-34V AC
consumption	max 3W
dimensions	112 x 60 x 36 mm

rev 01/2007

CONDITIONS OF WARRANTY

ComErgon provides full warranty of 24 month for serial interface module WiFiCom 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.



PRO serie

WiFiCom
converter
RS232/RS422/RS485 - WiFi



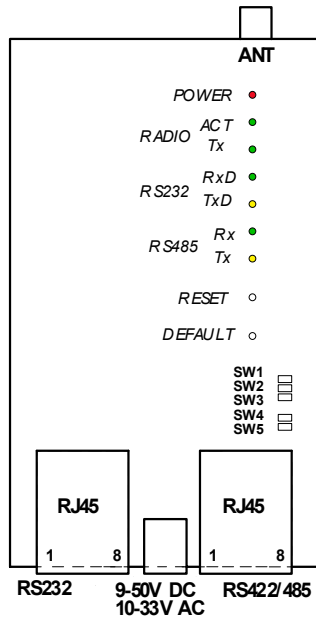
spol. s r.o.

tel.: +421-2- 4488 9090
tel./ fax.: +421-2- 4487 3525

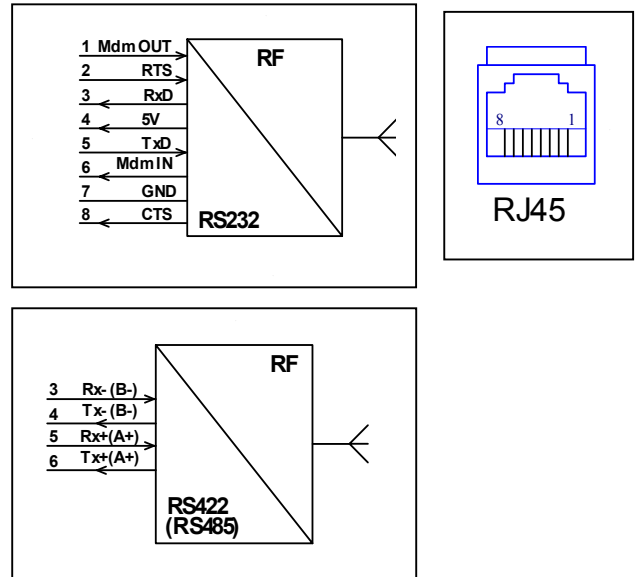
Cachticka 23, 831 06 Bratislava
Slovak Republic

e-mail: service@comergon.sk
http: www.comergon.sk

LAYOUT



CONNECTORS



OPERATING MODE – channel RS422/RS485

SW4 + SW5 – **ON** **RS 485 (A, B)**
 SW4 + SW5 – **OFF** **RS 422 (Tx+, Tx-, Rx+, Rx-)**

LINE and TERMINATOR setting – SW1

SW1 **pull up ON/OFF**
 SW2 **pull down ON/OFF**
 SW3 **terminator ON/OFF**

STANDARD SETTING

mode – channel RS232

mode – channel RS422/RS485
 transmitter control RS485
 receiver control RS485
 terminator

RS232 – full duplex

RS485 – half duplex
by signal TxD
inverse to transmitter control
120 R + pull up, down