TECHNICAL DATA

ethernet module	K3 USR
protocol	TCP, IP, UDP, ARP, ICMP, DNS, DHCP HTTP, Web socket, HTTPD client, MODBUS
network interface	10/100 Mb/s, MDI/MDIX, auto switch
serial port	RS 485 - half duplex RS 422 - full duplex
isolation	2,5 kV (RS485/RS422)
receiver control	by signal TxD permanent
transmitter control	Tx enable (set by SW)
data bit	5, 6, 7, 8
stop bit	1, 2
parity	None, Even, Odd, Space, Mark
transfer rate	600b/s – 512kb/s
transferred signals	RxD, TxD
setting	internal web server, PC built-in SW, serial command
optical indication	RxD, TxD, Tx enable, Link activity, half duplex, full duplex, PWR
connector RS422/RS485	D-SUB 9 pin M
connector Ethernet	RJ45
connector supply	plug 1.3mm
supply	5 - 32V DC
input supply	max 2W
dimension	95 x 57 x 28 mm

RoHS CE

ver. 1.5, rev 01/2016

CONDITIONS OF WARRANTY

ComErgon provides full warranty of 24 month
for serial interface module PRO 4.0/485 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.

ComErgon **PRO** serie

PRO 4.0/485 K3

isolated converter

RS422/RS485 - Ethernet

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Slovak Republic

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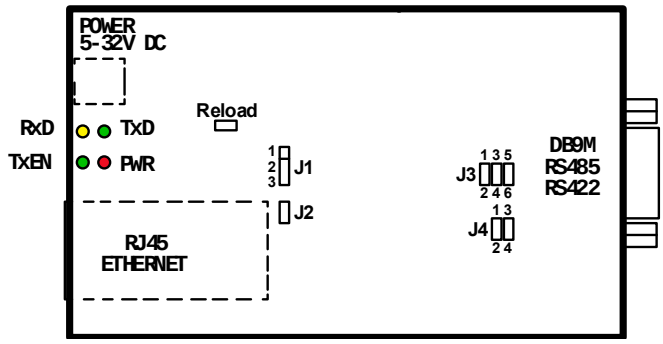
e-mail: service@comergon.sk
http: www.comergon.sk

LAYOUT



SETTING (standard setting)*

J1 transmitter control
- **1_2** permanent ON (mode RS422)
- **2_3** controlled by TxENable (mode RS485) *

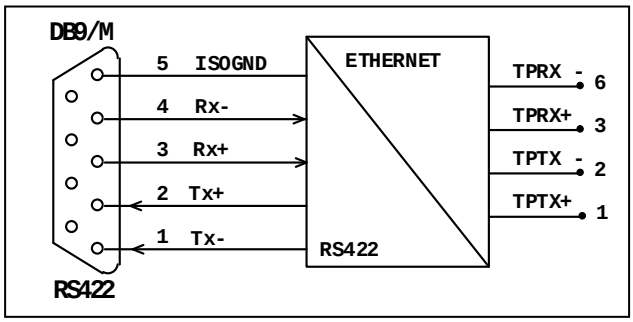
J2 *receiver control*
- **OFF** permanent ON
- **ON** inverse to TxD *

J3 *link*
- **1_2** 120R *
- **3_4** pull up *
- **5_6** pull down *

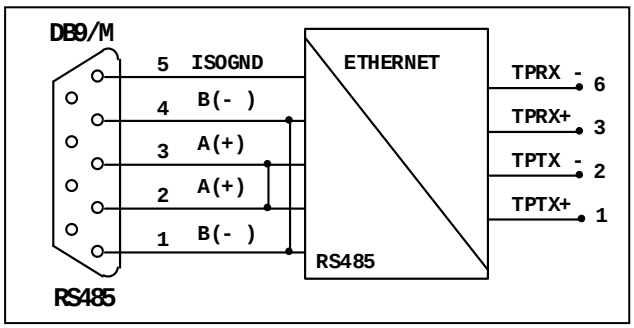
J4 *mode selection - RS422/RS485*
- **OFF** RS422
- **1_2, 3_4** RS485 *

+ set mode (RS485 or RS422) by setting SW of K3 module

mode RS422 (J1 1_2, J4 OFF, J2 OFF)



*mode RS485 (J1 2_3, J2 ON, J4 1_2, 3_4) **



RELOAD – default configuration IP: 192.168.0.7
name: admin, password: admin

Postup:
1/ disconnect power supply
2/ set jumper Reload
3/ connect power supply and wait 10s
4/ ***!!! disconnect jumper Reload !!!***