

Power management - ECO8 series

ECO COM

- Communication set for ECO8 III
- PC-Communication, remote control
- Supports data-logging
- Programming with PC
- Uses RS232 or USB-Port



Technical data

1. Component overview

RS232/RS485 interface converter (ATEN IC-485SI)
gender changer 9pol/25pol
data cable 1:1 9 pol 1m
USB/RS232 interface converter* (ATEN UC232A)
CD with software and informations
*required driver on CD, no Plug&Play

2. Technical data: interface coupler

bi-directional converter
optocouplers for exceptional signal isolation
maximum 2000V DC isolation voltage
works in multidrop networks
power supply: 9V DC, 300mA
transfer speed up to 100k bps



3. Technical data: USB-seriel converter

USB standard 1.1
transfer speed up to 230k bps
driver required (included on CD)
power supply (bus-powered)



4. Technical data: gender changer

9pin female connector
25pin male connector
distance holder
mounting screws



5. Technical data: cable

1,0m lenght
1:1 connection
mounting screws



6. CD

The CD includes everything to program a ECO8-III system with a PC, read out and view logged data. Additional information is included on the CD.

The CD has an autorun function. If autorun is disabled, open the file "Index.html" on the CD.

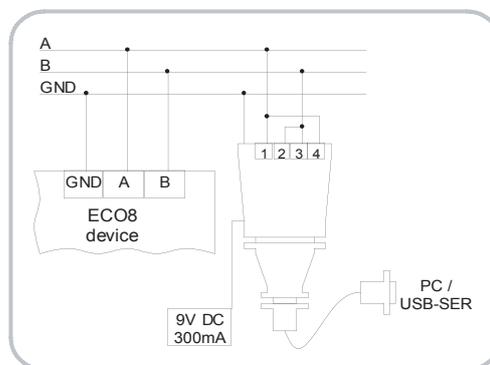
System requirements:

Microsoft Windows 98, 98SE, 2000, XP
Microsoft Excel 2000, XP
free serial port (RS232) or free USB-Port
CD/DVD drive
administration rights for installation (please contact your system administrator)

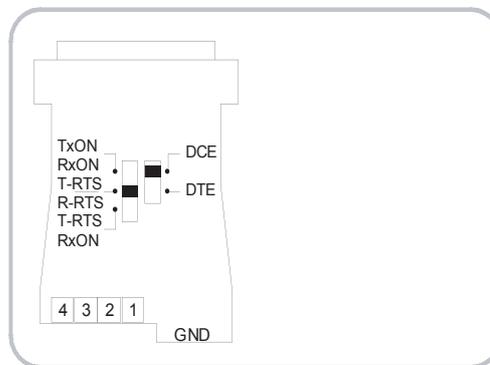
7. Functions of the user interface

Programming parameters into ECO_SYS and ECO_GATE
temporary changing set points
read out the internal data logger
log and view data online

8. Connections



DIP-Switch settings RS232/RS485 converter



9. Excel user interface (first steps)

First the DLL has to be installed correctly (further information on CD). If the Excel file is opened, the macros have to be activated and the security level doesn't have to be set to the highest level. The following settings should be done before using the interface: ComPort, BaudRate, BusID, Master area. To start the communication, click on the COM open button at the "COM" sheet. When the user interface is communicating, the statusbar toggles (VBA script running). Depending on the connected devices to the bus it take up to 30 seconds. To read data, the COM port has to be opened and then can click on the respective read button. To write data into a device, change the values in the cell. Do this while the interface is closed. Afterwards open the port and click on "write". On every sheet there is a status bar which shows the status of the request (green=ready, red=request in queue).

10. Weight

Single package: 1kg