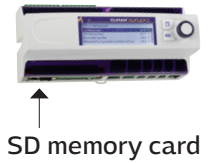
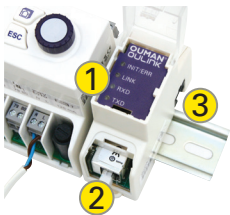


OULINK ETH is a network adapter that is providing Modbus TCP/IP interface to C203 device.

- Integrated Ouman Access connection
- Modbus TCP/IP
- Modbus TCP/IP ↔ RTU Gateway
- SNMP alarm transfer
- Trend file storage and transfer (FTP + HTTP)



Take into use:



Installation:

Mounting on DIN-rail

Connecting:

1. Oulink is connected to the RJ45 connection located on the right hand side of the C203 device directly with a RJ45 adapter or cable. Oulink is powered from this connection. Warning! Be careful if you are using a cable for connection. If you connect the cable to the wrong connector, operating voltage from C203 (15 VDC) can break Oulink or other Ethernet network actuators.
2. The network cable is connected to Oulink Ethernet port.
3. GSM-modem can be connected to C203 via the Oulink RJ-45 connection.
4. Oulink ethernet adapter screw terminals are not in use.

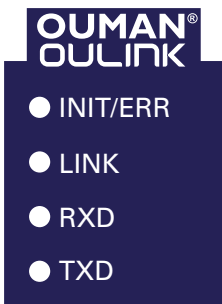
Network settings:

Modbus TCP/IP has to be taken into use from C203 network settings. In Modbus TCP/IP-settings you can define for example the used TCP-ports. If C203 is master for those Modbusses connected to C203, you can access those using Modbus TCP/IP gateway functionality. Each of the gateway busses has its own port.

Remember to save the settings after you have changed network settings. For saving select "update network settings" and press OK.

Functioning of Oulink:

LED indicator light	Description of the function
INIT/ERR	<ul style="list-style-type: none"> • The red indicator light indicates the state of the device. • When the device starts, the indicator light flashes. • The indicator light is turned off when the device has been shut down. • If the indicator light remains flashing, the initialization of Oulink has failed.
LINK	<ul style="list-style-type: none"> • The green indicator light indicates the state of network connection. • If the light is off, there is no connection to local area network. • If the indicator light is off most of the time, but flashes occasionally, the connection to local area network is ok. • If you use an APN-connection, the following indications are not in use: <ul style="list-style-type: none"> -When the indicator light is on almost constantly, but goes off momentarily, then the connection to internet is ok. -If the indicator light is on constantly, then Access connection is functioning.
RXD	<ul style="list-style-type: none"> • When the indicator light is flashing, Oulink is receiving data from C203.
TXD	<ul style="list-style-type: none"> • When the indicator light is flashing, Oulink is sending data to C203.



Casing:	PC/ABS
Attachment:	DIN-rail
Dimensions:	width 35 mm, heigh 94 mm, depth 87 mm
Weight:	100 g
Operating temperature:	0 ... +50 °C
Storing temperature:	-20 ... +70 °C
Protection class:	IP 20
Ethernet interface:	10/100 Mbs Ethernet interface (RJ-45)
Serial interface:	RS-232
Operating voltage:	11-30 VDC /1,7W or 24 VAC (-20 % ... +25 %) /3VA
Ethernet protocols:	Modbus TCP, HTTP , SNMP and FTP

Approvals

- EMC immunity EN 61000-6-1
- EMC emissions EN 61000-6-3

Requirements for devices connected to the system:

- Ouman C203
- Connected to Ounet
- Modbus TCP/IP -support

Warranty: 2 years

Manufacturer: Ouman Oy
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