![ADFweb logo] Electronic Devices
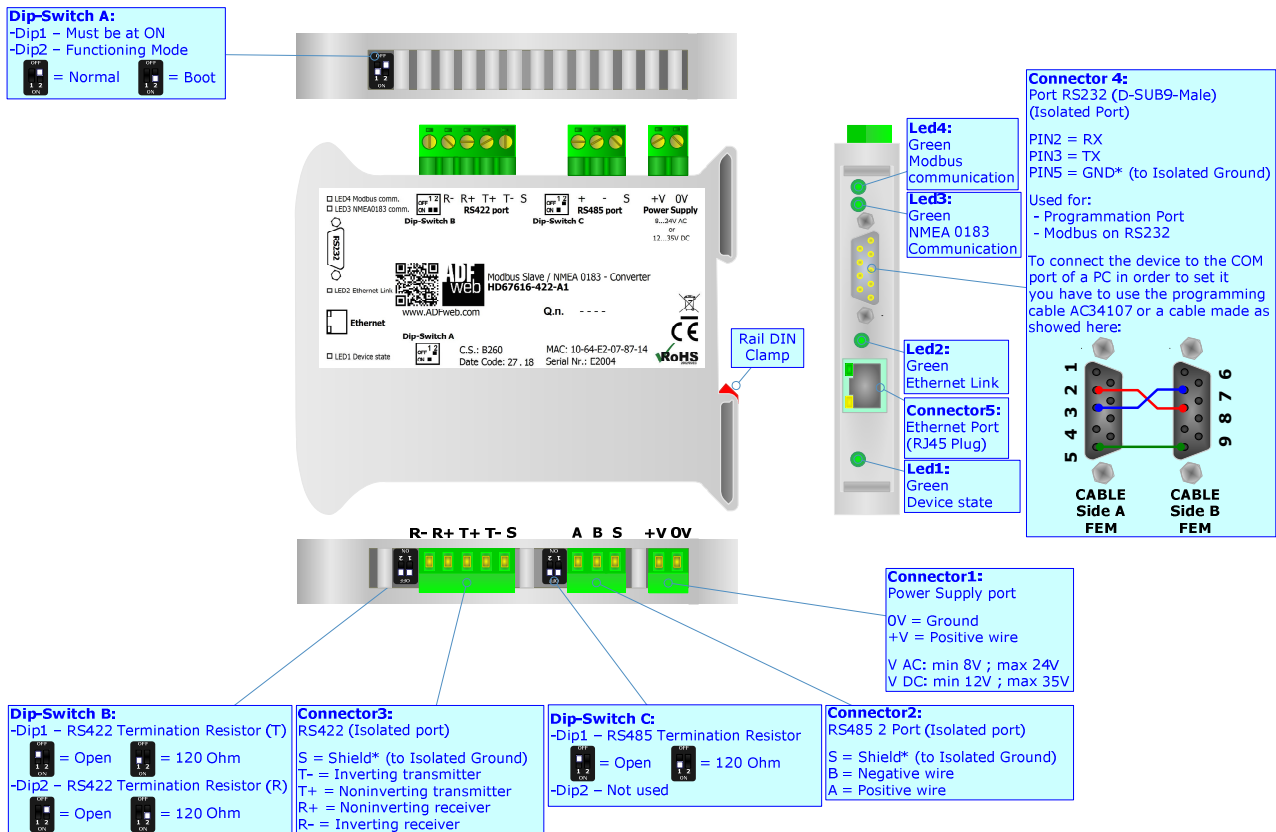
NMEA 0183 / ModBus Slave Converter

To obtain the complete manual please go to:

www.adfweb.com/download/filefold/MN67616_ENG.pdf

To obtain the new version of this box sheet please go to:

www.adfweb.com/download/filefold/BS67616-422-A1_ENG.pdf

CONNECTION SCHEME:

Dip-Switch A:
-Dip1 – Must be at ON
-Dip2 – Functioning Mode
= Normal   = Boot

Connector 4:
Port RS232 (D-SUB9-Male)
(Isolated Port)

PIN2 = RX
PIN3 = TX
PIN5 = GND* (to Isolated Ground)

Used for:
- Programmation Port
- Modbus on RS232

To connect the device to the COM port of a PC in order to set it you have to use the programming cable AC34107 or a cable made as showed here:

CABLE Side A FEM   CABLE Side B FEM

Led4:
Green Modbus communication

Led3:
Green NMEA 0183 Communication

Led2:
Green Ethernet Link

Connector5:
Ethernet Port (RJ45 Plug)

Led1:
Green Device state

Rail DIN Clamp

Connector1:
Power Supply port

0V = Ground
+V = Positive wire

V AC: min 8V ; max 24V
V DC: min 12V ; max 35V

Dip-Switch B:
-Dip1 – RS422 Termination Resistor (T)
= Open   = 120 Ohm
-Dip2 – RS422 Termination Resistor (R)
= Open   = 120 Ohm

Connector3:
RS422 (Isolated port)
S = Shield* (to Isolated Ground)
T- = Inverting transmitter
T+ = Noninverting transmitter
R+ = Noninverting receiver
R- = Inverting receiver

Dip-Switch C:
-Dip1 – RS485 Termination Resistor
= Open   = 120 Ohm
-Dip2 – Not used

Connector2:
RS485 2 Port (Isolated port)
S = Shield* (to Isolated Ground)
B = Negative wire
A = Positive wire

CONFIGURATION SOFTWARE:

For setting up the device you need the software named SW67616. To obtain this software please go to:

www.adfweb.com/download/filefold/SW67616.zip

Manual	Box-Sheet	Software