**Original instructions** 





## 0 Modbus RTU 0 0 0 D-H ACN Modbus Gateway let-ID ACN-GW501-MRTU 0 14-Maste 0 0 0 CE

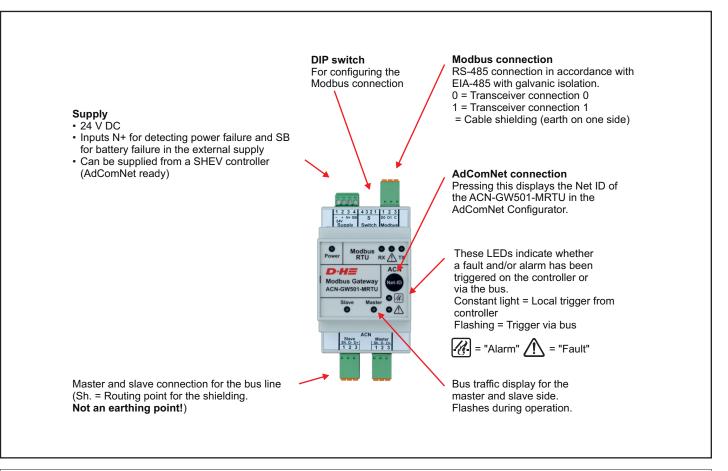
# Safety notes

### 24 VDC operating voltage!

- Do not connect directly to the mains power supply!
- May be connected only by authorised D+H specialised personnel!
  Only use in devenaged
- Only use in dry spaces
- Only intended for installation indoors

# Scope of supply

- 1x ACN-GW501-MRTU Modbus gateway
- 2x 110 Ω terminal resistor



### Intended use

AdComNet products may be installed and put into operation only by installation companies specially trained and certified for AdComNet by D+H Mechatronic.

The installation instructions in the AdComNet manual must be observed!

The ACN-GW501-MRTU Modbus gateway is an externally supplied, configurable and galvanically isolated interface converter between AdComNet and Modbus.

It establishes the connection between AdComNet and Modbus RTU.

- For connecting outside fields, such as fire alarm systems, building control technology or central activation, to AdComNet
- Power can be supplied using a SHEV controller
- Current consumption of approximately 30 mA
- Additional battery capacity of 1.2 Ah is required
- The device is fastened to a top hat rail in a controller or on its own housing (Dimensions WxHxD: 52 x 86 x 58 mm)

The Modbus interface has the following settings:

- Medium: RS 485
- Transmission rate: 19,200 baud
- Slave address 1, ... (100), ... 247
- Data frame: 8 data bits, even parity, 1 stop bit (8E1)
- Modbus protocol: RTU
- Modbus timeout: 100ms, ... (disabled), ... 99 min

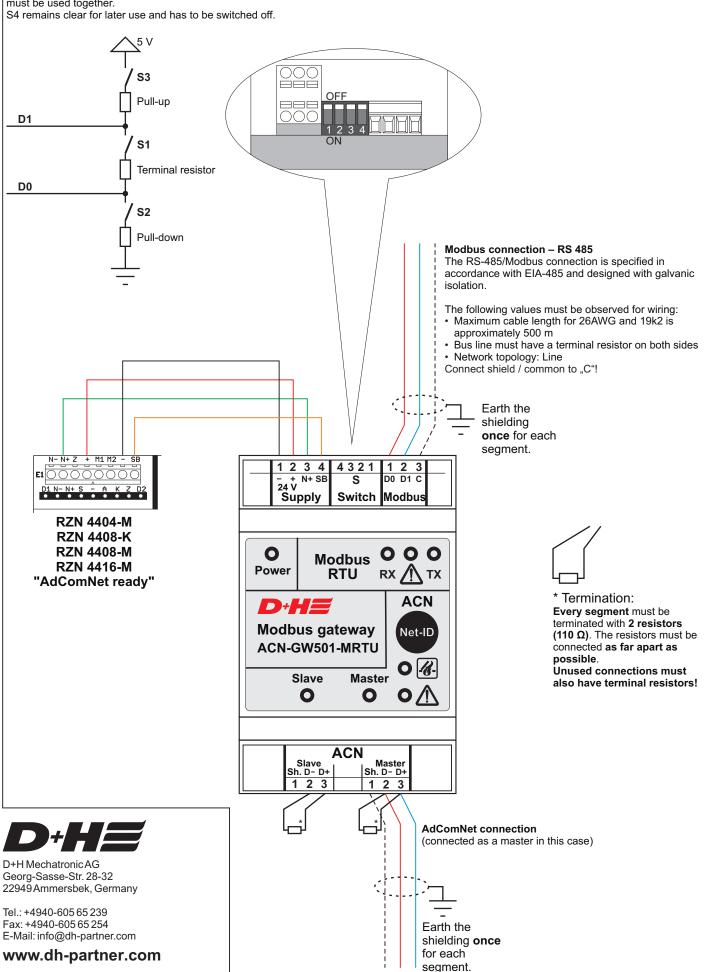
The slave address and the Modbus timeout parameters are configured through AdComNet.

The Modbus is implemented as a slave.

# Connection

#### **DIP** switch

The ACN-GW501-MRTU provides the option of connecting both a bus terminator and a bias network to the data bus as needed. S2 and S3 must be used together.



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