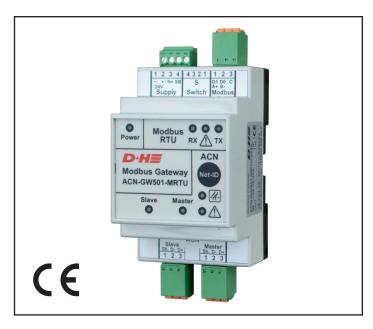




# **ACN-GW501-MRTU**



## 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 dry spaces
- Only intended for installation indoors

## Scope of supply

- ACN-GW501-MRTU Modbus gateway
- 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.

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The Modbus is implemented as a slave.

