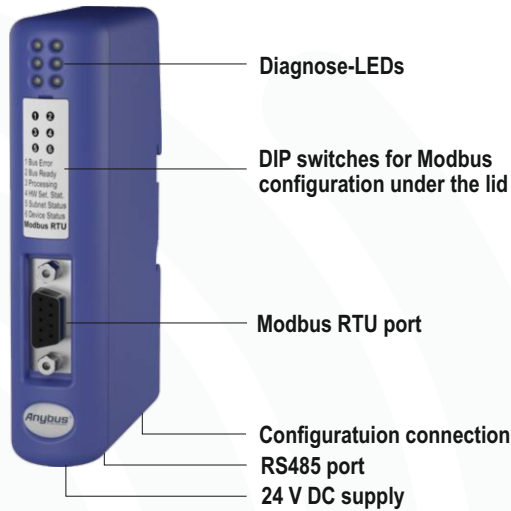


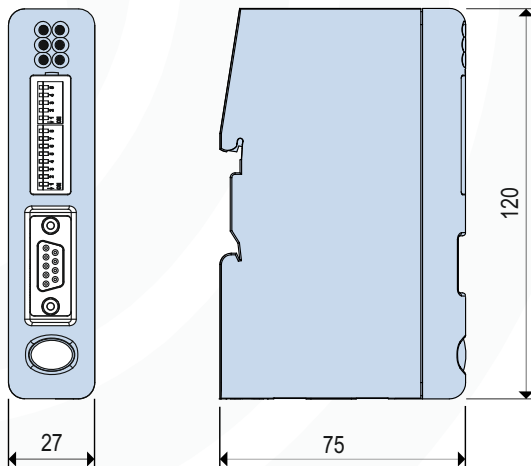
## Appliance information

## Protocol converter RS485 - Modbus-RTU

### Drawing



### Dimensions



### Use

The **KC-AB-RS485-MB-RTU** is a Modbus protocol converter.

It connects the RFID reading devices **KC-LG16M** with a Modbus RTU-network and takes over the task of an interface converter.

The protocol converter provides an intelligent protocol conversion and is compatible to all kind of PLC that support Modbus RTU.

With the **MOLLET** configuration the protocol converter provides the serial data of the reading devices as I/O-data for the superordinate PLC.

### Connections

<b>Modbus port</b>	D sub female, 9 pole at the front side
<b>Configuration connection</b>	RJ-11 (4P4C)
<b>RS485 port</b>	D sub female, 9 pole at the bottom side
<b>Supply voltage</b>	plug terminal, 2 pole, up to 2.5 mm <sup>2</sup>

### Technical data

<b>Housing</b>	plastics, blue
<b>Supply voltage</b>	24 V DC (-10% / + 10%)
<b>Current consumption</b>	≤300 mA, typical 100 mA
<b>Serial interface</b>	RS485 (2-wire) digit rate 9600 bit/s 8 data bits, 1 stop bit, no parity
<b>Modbus RTU</b>	digit rate 1,2 - 57,6 kbit/s
<b>Ambient temperature</b>	0 °C ... +55 °C
<b>Relative humidity</b>	0 ... 95% non-condensing
<b>Protection class</b>	<b>IP20</b> acc. DIN EN 60529
<b>Mounting</b>	snap-on connection to DIN-rail
<b>Maintenance</b>	none
<b>Configuration</b>	<b>MOLLET</b> RFID-RS485-MB
<b>Weight</b>	150 g
<b>Order code</b>	<b>KC-AB-RS485-MB-RTU</b> (Anybus AB7010)

## Appliance information

## Example of wiring for RS485 bus distributor

### Connection scheme with Anybus protocol converter

