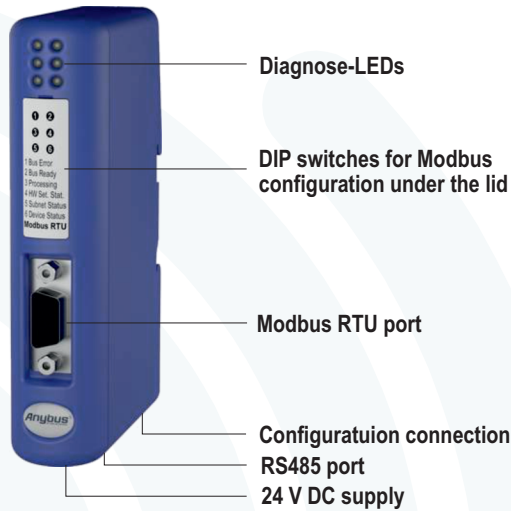


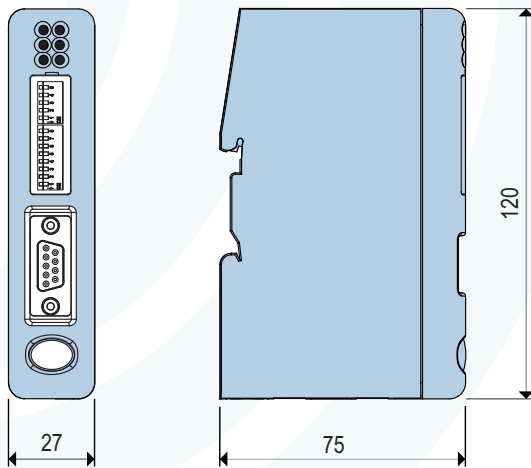
Appliance information

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

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

Technical data

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

Appliance information

Example of wiring for RS485 bus distributor

Connection scheme with Anybus protocol converter

