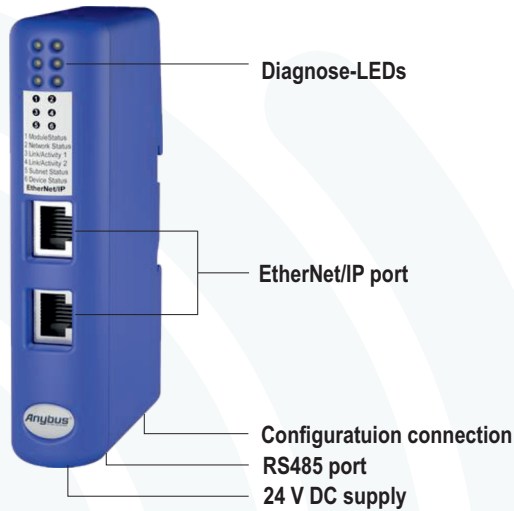


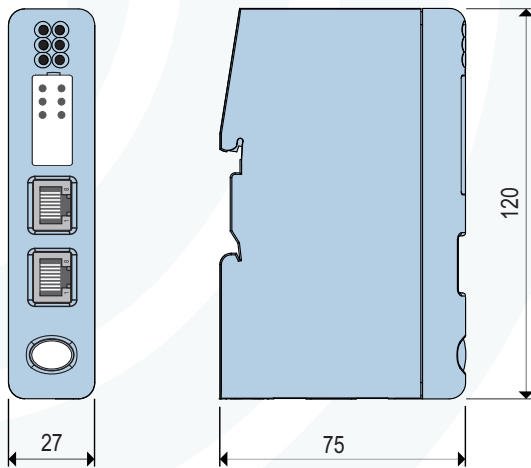
Appliance information

Protocol converter RS485 - EtherNet/IP

Drawing



Dimensions



Use

The **KC-AB-RS485-EN** is a EtherNet protocol converter.

It connects the RFID reading devices KC-LG16M with the EtherNet/IP-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 EtherNet/IP.

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

Connections

EtherNet/IP port	2x RJ45 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
EtherNet/IP	digit rate 10/100 Mbit/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-EN
Weight	150 g
Order code	KC-AB-RS485-EN (Anybus AB7072)

Appliance information

Example of wiring for RS485 bus distributor

Connection scheme with Anybus protocol converter

