



## CMBUS-24

CMBUS-24, M-Bus to Modbus Converter,

Code: D80224.

### Description

**CMBUS** protocol transducers enable devices with RS-485 Modbus Master communications to communicate with different M-BUS slave units.

There are two unit models:

- The **CMBUS-8** model can communicate with 8 slave units (100 parameters).
- The **CMBUS-24** model can communicate with 24 slave units (500 parameters)

### Application

In Northern and Central European installations there are many devices that log consumption, equipped with M-BUS communications protocols or interfaces. These equipments measure cold and hot water consumption, as well steam, gas, electricity, etc. Said equipments deliver characteristic parameters of the systems they control, such as, water temperature, volume, flow, pressure or electrical energy consumption, as well as the more basic parameters of an electrical network. The M-BUS (BUS-Meter) protocol is a communications system for reading energy meters that has been designed to automate data collection by remote control or computer programs.



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### Specifications

#### DC power supply

Consumption	55 mA
Nominal voltage	18 ... 30 Vdc

#### Mechanical characteristics

Size (mm) width x height x depth	17.5 x 90 x 58 (mm)
Weight (kg)	0,134

#### Communication Network

Protocol	Modbus RTU / M-BUS
Technology / Type	M-BUS

#### Standards

Electrical safety, Maximum height (m)	2,000
Standards	EN 61000-6-3+A1, EN 61000-6-2, IEC 61000-4-3, IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, EN 61010-1, LVD 73/23/EEC, EMC 89/336/EEC, CE 93/68/EEC

#### User interface

LED	HOST LED / M-BUS LED
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#### Serial communication

Technology / Type	RS-232 / RS-485
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#### CMBUS

M-Bus to Modbus Converter

CODE	TYPE	Description
<b>M-BUS</b>		
D80208.	CMBUS-8	M-Bus to Modbus Converter, up to 8 Mbus slaves
D80224.	CMBUS-24	M-Bus to Modbus Converter, up to 24 Mbus slaves



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### Dimensions



### Connections

