

MIVO CONNECT

M-BUS EXTENDER 256

An add-on module for the MIVO Connect Smart Data Gateway and expands the systems M-Bus capacity with an additional 256 M-Bus loads.

The system is easily expanded with the included expansion cable and can be forwarded with up to 10 expansion units.

The module indicates errors and measures nominal bus voltage and current for easier diagnostics both visually and via the MIVO Connect Smart Data Gateway.



TECHNICAL SPECIFICATION

Mechanics

Dimensions (wxhxd)

Montage

Weight

70 x 85 x 57 mm (4 DIN-modul)

35mm DIN

200g

Environmental

Storage temperature

Operating temperature

Operating humidity

Max.operating altitude

Pollution degree

Operating environment

-25 to +55 C

-25 to +55 C

5 to 90% non-condensing

2000m

2

Indoors

Power

Input voltage

Power consumption (max)

Overvoltage category

Connection terminals

Via expansion port

<5W (20W)

CAT 3 (OVC III)

Spring loaded terminals

0.75 - 1.5mm²

M-Bus Master

Standard

Speed

Baud Nominal voltage

Maximum output current

Unit loads

Maximum cable length

Electrical isolation

EN 13757

300 / 2400 / 9600

40V

500mA

256

5000m

1500V

Other

LED

Error codes

Accuracy current measurement

Maximum number of expansion modules

Status, Error, TX, RX

Short circuit, Overload, No load

3%+1mA

10

Approvals

EMC

Safety

Environment

EN 61000-6-2, EN 61000-6-3

EN 62368-1 (OVC III)

RoHS, WEEE