

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 × 85 × 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