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 Data Gateway.



TECHNICAL SPECIFICATION

Mechanics	
Dimensions (wxhxd)	70 × 85 × 57 mm (4 DIN-modul)
Montage	35mm DIN
Weight	200g
Environmental	
Storage temperature	-25 to +55 C
Operating temperature	-25 to +55 C
Operating humidity	5 to 90% non-condensing
Max.operating altitude	2000m
Pollution degree	2
Operating environment	Indoors
Power	
Input voltage	Via expansion port
Power consumption (max)	<5W (20W)
Overvoltage category	CAT 3 (OVC III)
Connection terminals	Spring loaded terminals 0.75 - 1.5mm2
M-Bus Master	
Standard	EN 13757
Speed	300 / 2400 / 9600
Baud Nominal voltage	40V
Maximum output current	500mA
Unit loads	256
Maximum cable length	5000m
Electrical isolation	1500V
Other	
LED	Status, Error, TX, RX
Error codes	Short circuit, Overload, No load
Accuracy current measurement	3%+1mA
Maximum number of expansion modules	10
Approvals	
EMC	EN 61000-6-2, EN 61000-6-3
Safety	EN 62368-1 (OVC III)
Environment	RoHS, WEEE

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