



SOLVIMUS

METERING SOLUTIONS

DATA SHEET MBUS-PS, WIDTH 3 MODULES

Version 1
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1. Product

- MBUS-PS125, Art. No. 500359
- MBUS-PS250, Art. No. 500360
- MBUS-PS500, Art. No. 500351



2. Application

Level converter for connecting meters to a meter data management system (meter readout system) via RS-232

3. Interfaces

M-Bus

Compliant to EN 13757-2 (all M-Bus meters are compatible), max. number of unit loads (UL):

- 125 (MBUS-PS125, Art. No. 500359)
- 250 (MBUS-PS250, Art. No. 500360)
- 500 (MBUS-PS500, Art. No. 500351)

Baud rate: max. 9600 bps, screw terminals

RS-232

Compliant to ANSI EIA/TIA-232-F-1997, screw terminals

4. LED indicators

3 LEDs signalling sending, receiving and collision/overload on the M-Bus

5. General properties

- Dimensions: 54 x 90 x 60 mm (W x H x D), 3 modules wide
- Installation: DIN rail 35 mm (IEC 60715), arbitrary orientation
- Mass: 130 g

6. Power supply

- 12..36 VDC, screw terminals
- Power consumption: 1 W (idle state), max. 40 W
- Peak inrush-current: approx. 4 A

7. Environmental conditions

- Operation: 0..50 °C (daily average); -20..70 °C (short-time)
- Transport and storage: -20..70 °C
- Air humidity: 0..95 %, non-condensing

8. Conformity and safety

- 2014/30/EU EMV Directive
- 2014/35/EU Low Voltage Directive
- 2011/65/EU RoHS Directive (incl. amendment 2015/863)
- Overvoltage protection (transient)
- Protection class III (IEC 61140)
- Degree of protection IP30 (IEC 60529)

9. Scope of delivery

- MBUS-PS125 (Art. No. 500359) or MBUS-PS250 (Art. No. 500360) or MBUS-PS500 (Art. No. 500351)
- Quick Start Guide (print, in the packaging)
- Individual packaging with solvimus logo
- Dimensions: 108 x 67 x 62 mm (W x H x D)



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10. Contact

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Further contacts can be found on our website at:
<https://www.solvimus.de/en/company/solvimus/>

A comprehensive description of the device is provided in the manual that can be downloaded free of charge and without registration from our homepage:

<https://www.solvimus.de/en/products/downloads-2/>.

Our Quick Start Guide is also available upon request.

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