



SOLVIMUS

METERING SOLUTIONS

DATA SHEET MBUS-PS, WIDTH 1 MODULE

Version 1
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1. Product

- MBUS-PS6, Art. No. 500374
- MBUS-PS32, Art. No. 500375
- MBUS-PS64, Art. No. 500383



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):

- 6 (MBUS-PS6, Art. No. 500374)
- 32 (MBUS-PS32, Art. No. 500375)
- 64 (MBUS-PS64, Art. No. 500383)

Baud rate: max. 19200 bps, screw terminals

RS-232

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

4. LED indicators

4 LEDs for power supply as well as signalling sending, receiving and collision on the M-Bus

5. General properties

- Dimensions: 18 x 90 x 60 mm (W x H x D), 1 module wide
- Installation: DIN rail 35 mm (IEC 60715), arbitrary orientation
- Mass: 58 g

6. Power supply

- 21.6..24.5 VDC, screw terminals
- Power consumption: 1 W (idle state), max. 10 W
- Peak inrush-current: approx. 3 A

7. Environmental conditions

- Operation: 0..50 °C (daily average), -20..70 °C (short-time)
- 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-PS6 (Art. No. 500374) resp.
- MBUS-PS32 (Art. No. 500375) resp.
- MBUS-PS64 (Art. No. 500383)
- Quick Start Guide (print, in the packaging)

10. Contact

solvimus GmbH
Ratsteichstr. 5
98693 Ilmenau
Germany



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Phone: +49 3677 7613060

E-Mail: info@solvimus.de

www.solvimus.de

Sales:

Phone: +49 3677 7613066

E-Mail: sales@solvimus.de

Support:

Phone: +49 3677 7613065

E-Mail: support@solvimus.de

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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