

## EU-Konformitätserklärung *EU Declaration of Conformity*

|                                                                                       |                                                                                                                                          |                                                                                                                    |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Hersteller / <i>Manufacturer</i>                                                      | solvimus GmbH                                                                                                                            |                                                                                                                    |
| Anschrift / <i>Address</i>                                                            | Ratsteichstr. 5<br>98693 Ilmenau<br>Deutschland / <i>Germany</i>                                                                         |                                                                                                                    |
| Produktbezeichnung<br>und Bestellnummer /<br><i>Product name and<br/>order number</i> | MBUS-GE5B (500334)<br>MBUS-GE20B (500352)<br>MBUS-GE80B (500353)<br>MBUS-GE125B (500426)<br>MBUS-GE250B (500427)<br>MBUS-GE500B (500404) | MBUS-GE20M (500337)<br>MBUS-GE80M (500338)<br>MBUS-GE125M (500408)<br>MBUS-GE250M (500409)<br>MBUS-GE500M (500403) |

Die hier genannten Baugruppen sind entwickelt, konstruiert und gefertigt in Übereinstimmung mit den EU-Richtlinien:/

*The products described above have been developed, constructed and manufactured in conformity with the legislation of the European Union:*

2014/35/EU Niederspannungsrichtlinie (ABl. L 96 vom 29.3.2014, S. 357–374)

2014/30/EU EMV-Richtlinie (ABl. L 96 vom 29.3.2014, S. 79–106)

2011/65/EU RoHS-Richtlinie inkl. Ergänzung 2015/863 (ABl. L 174 vom 1.7.2011, S. 88–110, inkl. ABl. L 137 vom 4.6.2015, S. 10–12) /

*2014/35/EU Low Voltage Directive (OJ L 96, 29.3.2014, p. 357–374)*

*2014/30/EU Electromagnetic Compatibility Directive (OJ L 96, 29.3.2014, p. 79–106)*

*2011/65/EU RoHS Directive incl. amendment 2015/863 (OJ L 174, 1.7.2011, p. 88–110, incl. OJ L 137, 4.6.2015, p. 10–12)*

Harmonisierte Normen bezüglich derer die Konformität erklärt wird:/

*Harmonised standards to which conformity is declared:*

|                   |                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN 50491-5-2:2010 | General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light industry environment |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                             |                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN 50491-5-3:2010           | General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-3: EMC requirements for HBES/BACS used in industry environment |
| EN 55032:2015 + A11:2020    | Electromagnetic compatibility of multimedia equipment - Emission Requirements                                                                                                                   |
| EN IEC 62311:2020           | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)                                                            |
| IEC 62368-1:2020 + A11:2020 | Audio/video, information and communication technology equipment - Part 1: Safety requirements                                                                                                   |
| EN IEC 63000:2018           | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances                                                        |

Die Konformität wurde mit hochwertigen, geschirmten Kabeln und der Software-Version 1.36 überprüft. Die Bewertung erfolgte durch Messung und in Übereinstimmung mit Konformitätsbewertungsmodul A im Anhang II der EMV-Richtlinie./

*Compliance was verified with high quality shielded cables and the software version 1.36 . The assessment was carried out by measurement and in conformity with the conformity assessment procedure A in Annex II of the EMC Directive.*

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller./ *The manufacturer declares the sole responsibility for this declaration of conformity.*

  
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Ilmenau, 20 March 2024

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