The L-MBUS level converters are used to connect an M-Bus network to a LOYTEC device. Up to 20 or 80 M-Bus devices can be connected via L-MBUS20 or L-MBUS80.

**TTL Connection**

The TTL port is used to connect the L-MBUS to the EXT port of L-INX Automation Servers, L-ROC Room Controllers, and also to the L-GATE Gateways. The interface is galvanically isolated.

---

**General Specifications**

- **Dimensions (mm)**: 107 x 100 x 60 (L x W x H), DIM024
- **Installation**: DIN rail mounting following DIN 43880, top hat rail EN 50022
- **Power supply**: 24 VDC / 24 V AC ±10 %
- **Operating conditions**: 0 °C to 50 °C, 10 – 90 % RH, noncondensing, degree of protection: IP40, IP20 (terminals)

**Specifications**

<table>
<thead>
<tr>
<th>Type</th>
<th>L-MBUS20</th>
<th>L-MBUS80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power consumption</td>
<td>9.6 W</td>
<td>14.4 W</td>
</tr>
<tr>
<td>Baud rate</td>
<td>300 to 9 600 baud</td>
<td>300 to 9 600 baud</td>
</tr>
<tr>
<td>Interfaces</td>
<td>1 x TTL or 1 x RS-232 (EIA-232), galvanically isolated 1 x M-Bus</td>
<td>1 x TTL or 1 x RS-232 (EIA-232), galvanically isolated 1 x M-Bus</td>
</tr>
<tr>
<td>For use with</td>
<td>L-INX Automation Servers, L-ROC Room Controllers, L-GATE Gateways, LIOB-586/587/588/589 Controllers</td>
<td></td>
</tr>
</tbody>
</table>

**Resource limits**

- **M-Bus devices**: Up to 20
- **Up to 80**

**Order number**

- **L-MBUS20**: M-Bus Level Converter, Interface for up to 20 M-Bus devices
- **L-MBUS80**: M-Bus Level Converter, Interface for up to 80 M-Bus devices
The products of LOYTEC electronics GmbH are subject to constant development. Therefore, LOYTEC reserves the right to modify technical specifications at any time without prior notice. The most recent datasheet can be downloaded from www.loytec.com.