LON + KNX
Increase productivity and reduce costs

The MBS gateways are based on the same product platform and therefore offer an extraordinary degree of versatility and flexibility: new gateway purchases are rendered unnecessary because the devices’ adaptability means new functionalities can simply be activated. The integrated LON+KNX-adapter make the usual external bus couplers unnecessary, reducing the amount of wiring required and enabling faster connection to serial or network-based communication protocols.

MORE INFORMATION: MBS-SOLUTIONS.DE
Specifications*

**Standard**

**LAN**
- RJ45: 10/100 MBit Ethernet
- Link: indicates a LAN connection
- 10/100: Indicates the connection speed

**PWR - Power**
- Power supply
  - V+: +12 to +24V DC or 12 to 24V AC
  - V−: GND or 12 to 24V AC

**LED**
- Power: Illuminated as soon as the device is connected to a suitable operating power supply
- ST.: Multicolor status LED
- RX: flashes when the device is receiving data
- TX: flashes when the device is sending data

**VERSION RS485**
- COM1
  - RS485
  - B+: Non-inverted input
  - A−: Inverted input
- GND: Shielding

**VERSION RS232**
- COM1
  - RS232
  - TXD: Sending line
  - RXD: Receiving line
- GND: Ground connection
- Shld: Shielding

**LON (TP/FT-10)**
- LED
  - LON Status
- Taster
  - Lon Service

**DIP-switch**
- 1: Not used
- 2: Not used
- 3: Not used

**Knx**
- **LED**
  - KNX Rx
  - KNX Tx
  - KNX Power

- **+ KNX Connection**
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- **- KNX Connection**
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**Power consumption KNX Bus**
- maximum 7mA
- (The average current consumption is about 4mA)

**Power supply for EIB connectivity**
- For EIB connections, please ensure that a KNX power supply is provided by the customer.

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**Specification**

**Power consumption**: 2.4 watts

**Weight**: 400 Gramm

**Dimensions**: Height: 100mm, Width: 65 mm, Depth: 70mm (inclusive DIN-Top-hat rail adapter)

**Ambient temperature**: 0...45°C, 32...113°F

**Ambient humidity**: 20...80 percent relative humidity, non-condensing

**Assembly**: DIN top-hat rail TS35 in accordance with EN 60715

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*This product is CE certified

*Specifications subject to change

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