Triple-X | Universal Gateway

LON + KNX

The Gateway solution for your business

MBS
Made by Specialists.

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.

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MORE INFORMATION: MBS-SOLUTIONS.DE

Version: 2018/1

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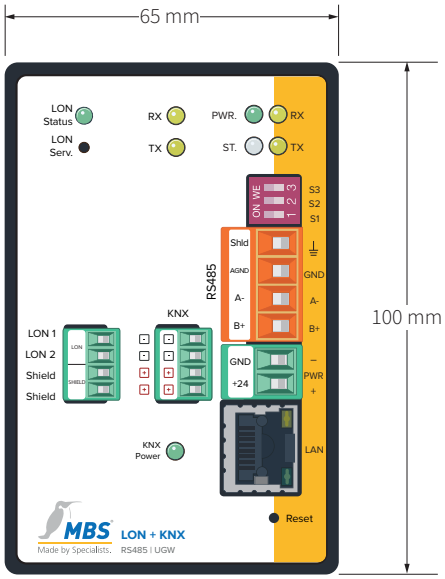
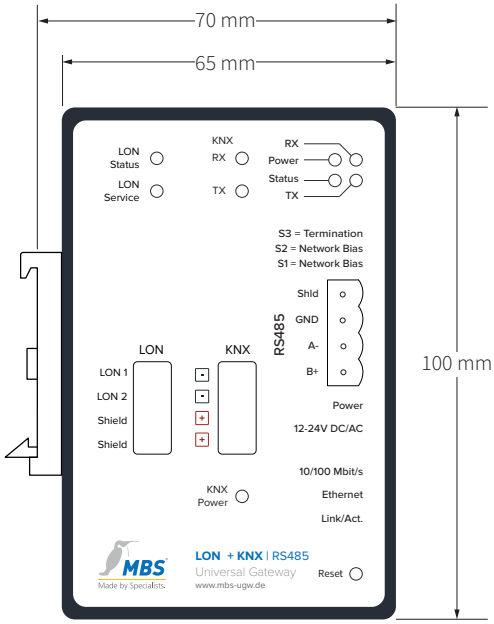
Specifications*





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

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

VERSION RS485
COM1
RS485
B+: Non-inverted input
A-: Inverted input
GND
Shld: shielding

DIP-switch
Bias: voltage
Bias: voltage
120 Ohm: Termination resistance

LON (TP/FT-10)
LED
LON Status

Taster
Lon Service

LON
LON 1
LON 2
Shield
Shield

KNX
LED
KNX Rx
KNX Tx
KNX Power

KNX
\+ KNX Connection
\+ KNX Connection
\- KNX Connection
\- KNX Connection

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.

We offer the LON+KNX Gateway with 25, 200, 500, 1.000 oder 2.500 data points. Please select your universal gateway!

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

Imprint: **Managing Director:** Martin Brust-Theiß, Gerhard Memmen-Krüger, Nils-Gunnar Fritz
Register court: Krefeld HRB 3337, USt.-IdNr.: DE 120 148 529, Headquarters: Krefeld
Responsible for contents according to § 6 MDStV: Martin Brust-Theiß, Gerhard Memmen-Krüger, Nils-Gunnar Fritz

*This product is CE certified
*Specifications subject to change

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