

# THE GATEWAY SOLUTION FOR YOUR BUSINESS



## x-link

### Increase productivity and reduce costs

The MBS universal 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. With its two network connections, the x-link model can connect two separated IP ranges. The gateway has further two RS485 or optionally two RS232 interfaces thus can be connected simultaneously to two BACnet MS / TP bus systems.

Based on our modularity, we develop and manufacture cost-effective and time-efficient solutions for you which are highly innovative and guarantee a secure investment. Take advantage of the expertise we have accumulated over more than 30 years and our experience of customer projects in various industries.

**2x 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

**Reset**

Reset button

**Version 2x RS232, 1x RS485**

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

**COM2**

RS232  
TXD: Sending line  
RXD: Receiving line  
SGND: Ground connection

**COM3**

RS485  
B+: Non-inverted input  
A-: Inverted input  
SGND: Ground connection

**DIP-Switch (COM1)**

Without function

**DIP-Switch (COM3)**

Bias: voltage  
120 Ohm: Termination resistance

**COM1**

RS485  
B+: Non-inverted input  
A-: Inverted input  
SGND: Ground connection

**COM2**

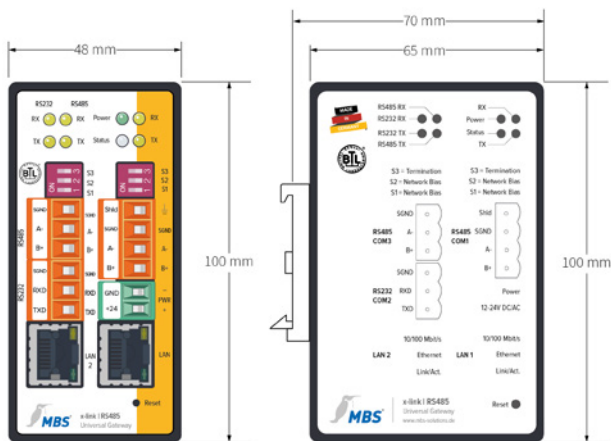
RS232  
TXD: Sending line  
RXD: Receiving line  
SGND: Ground connection

**COM3**

RS485  
B+: Non-inverted input  
A-: Inverted input  
SGND: Ground connection

**DIP-Switch (COM1 und COM3)**

Bias: Voltage  
120 Ohm: Termination resistance



Please ensure that your gateway is configured before it is put into operation.

**Need help with configuration?  
Contact us!**

+49 21 51 72 94-0  
vertrieb@mbs-solutions.de

**Specifications**

**Power consumption:** 2 watts  
**Weight:** 300 grams  
**Dimensions:** height: 100 mm, width: 31 mm, depth: 70 mm (incl. DIN top-hat rail adapter)  
**Ambient temperature:** 0...45°C, 32...113°F  
**Ambient humidity:** 20...80 per cent relative humidity, non-condensing  
**Protection class:** IP20  
**Assembly:** DIN top-hat rail TS35 in accordance with EN 60715

**Article numbers**

**x-link with 25 DP: RS-485:** Art.-Nr. 11-0045 **RS-232:** Art.-Nr. 11-0086  
**You need more than 25 data points?**  
**up to 200 DP:** Art.-Nr. 13-0002 **up to 500 DP:** Art.-Nr. 13-0003  
**up to 1.000 DP:** Art.-Nr. 13-0004 **up to 2.500 DP:** Art.-Nr. 13-0005

Please remember to include the required communication protocols in your order.

Imprint: **Managing Director:** Gerhard Memmen-Krüger, Nils-Gunnar Fritz  
**Register court:** Krefeld HRB 33 7, USt.-IdNr.: DE 120 148 529, Headquarters: Krefeld  
**Responsible for contents according to § 6 MDSV:** Gerhard Memmen-Krüger, Nils-Gunnar Fritz

\*This product is CE certified  
\*Specifications subject to change