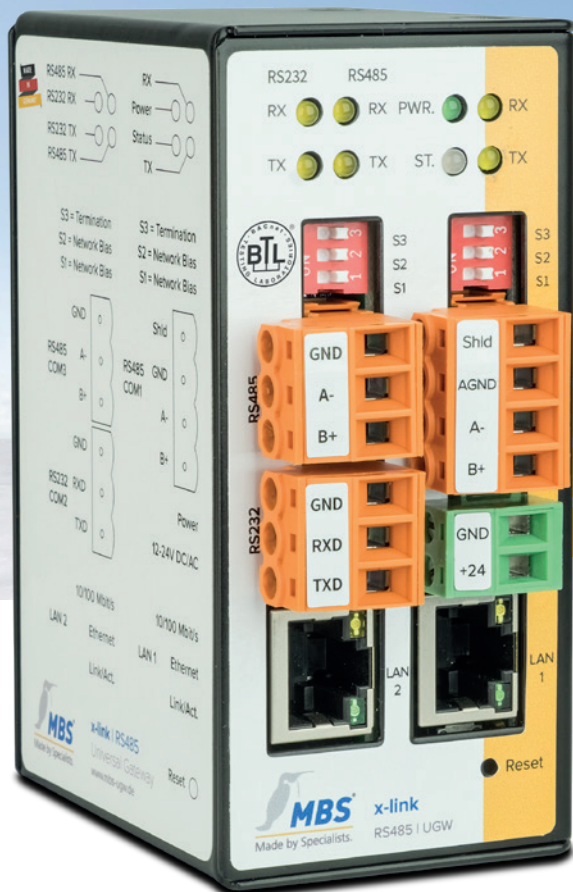


Double-X

# x-link - Universal Gateway

The Gateway solution for your business



2 x LAN, 2x RS232,  
1x RS485  
or  
2 x LAN, 1x RS232,  
2x RS485

25-2.500 datapoints

Webinterface

real time clock

Upgradeable

Dropbox (Option)

ARM9 Processor



## x-link Gateway

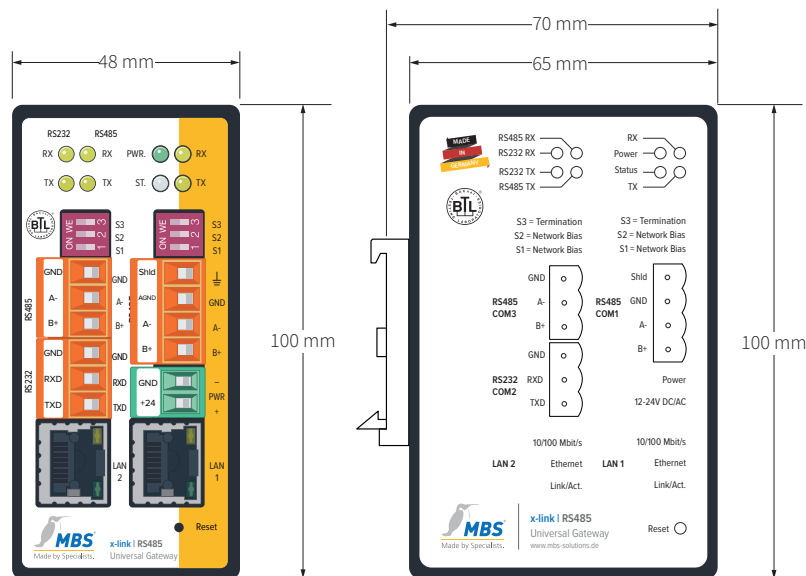
Explore your x-link options

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. 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.



# Double-X x-link - Universal Gateway

## Specifications\*



### 2 x 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 2x RS232, 1x RS485

#### COM1

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

#### COM2

**RS232**  
TXD: Sending line  
RXD: Receiving line  
GND: Ground connection

#### COM3

**RS485**  
B+: Non-inverted input  
A-: Inverted input  
GND

### DIP-Schalter (COM1)

Without function

### DIP-Schalter (COM3)

Bias: voltage  
Bias: voltage  
120 Ohm: Termination resistance

### VERSION 1 x RS232, 2 x RS485

#### COM1

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

### COM2

**RS232**  
TXD: Sending line  
RXD: Receiving line  
GND: Ground connection

### COM3

**RS485**  
B+: Non-inverted input  
A-: Inverted input  
GND

### DIP-Schalter (COM1 und COM3)

Bias: voltage  
Bias: voltage  
120 Ohm: Termination resistance

### Specification

Power consumption: 2.0 watts  
Weight: 300 Gramm  
Dimensions: Height: 100mm, Width: 48 mm, Depth: 70mm (inclusive DIN-Top-hat rail asapter)  
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 MDSIV: Martin Brust-Theiß, Gerhard Memmen-Krüger, Nils-Gunnar Fritz

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

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