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*

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power consumption</td>
<td>2.0 watts</td>
</tr>
<tr>
<td>Weight</td>
<td>300 Gramm</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Height: 100mm, Width: 48 mm, Depth: 70mm (inclusive DIN-Top-hat rail adapter)</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>0...45°C, 32...113°F</td>
</tr>
<tr>
<td>Ambient humidity</td>
<td>20...80 percent relative humidity, non-condensing</td>
</tr>
<tr>
<td>Assembly</td>
<td>DIN-top-hat rail TS35 in accordance with EN 60715</td>
</tr>
</tbody>
</table>

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
Shld: Shielding

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

DIP-Schalter (COM1 und COM3)
Bias: voltage
Bias: voltage
120 Ohm: Termination resistance

Version 1 x RS232, 2 x RS485

COM2
RS232
TXD: Sending line
RXD: Receiving line
GND: Ground connection

COM3
RS485
B+: Non-inverted input
A-: Inverted input
GND

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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