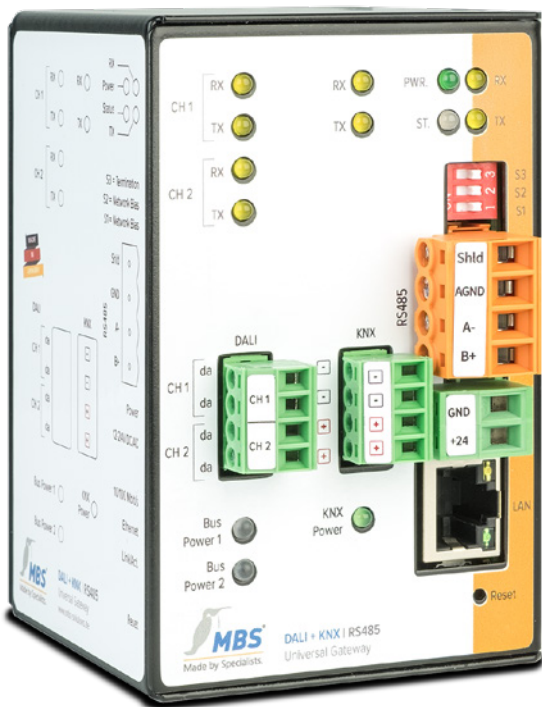


# THE GATEWAY SOLUTION FOR YOUR BUSINESS



## KNX + DALI

### 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. The integrated KNX + DALI-adapters make the usual external bus couplers unnecessary, reducing the amount of wiring required and enabling faster connection to serial or network-based communication protocols.

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.

### 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 RS232

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

### DIP-Switch

1: Not used  
2: Not used  
3: Not used

### Version RS485 (Isolated 1kV)

COM1  
RS485  
B+: Non-inverted input  
A-: Inverted input  
SGND: Ground connection  
Shld: shielding

### DIP-Switch

Bias: voltage  
Bias: voltage  
120 Ohm: Termination resistance

### DALI

Channel 1 Channel 2  
• 1A • 2A  
• 1B • 2B

### LED

DALI RX - Channel 1  
DALI TX - Channel 1  
DALI RX - Channel 2  
DALI TX - Channel 2

### KNX

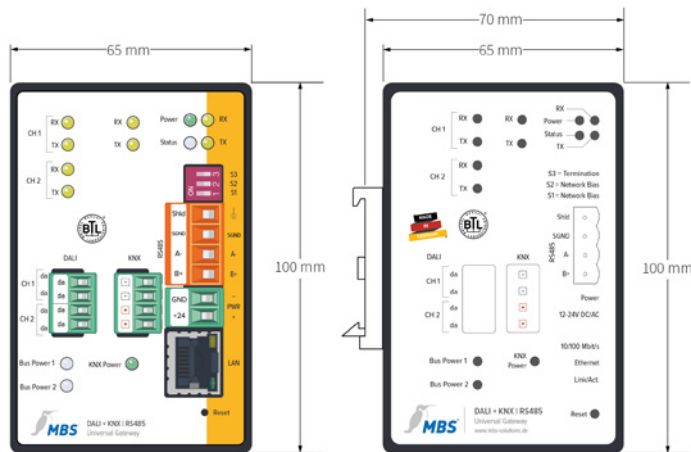
+: KNX Connection  
+: KNX Connection  
-: KNX Connection  
-: KNX Connection

### LED

Rx: KNX  
Tx: KNX  
Power: KNX

### 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.



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:** 2,4 watts  
**Weight:** 400 grams  
**Dimensions:** height: 100 mm, width: 48 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

**KNX + DALI with 25 DP: RS-485:** Art.-Nr. 11-0064 **RS-232:** Art.-Nr. 11-0087  
**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  
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**Responsible for contents according to § 6 MDSV:** Gerhard Memmen-Krüger, Nils-Gunnar Fritz

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



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