

THE INTERFACE SOLUTION FOR YOUR BUSINESS



UBR-BTF | Mk II

When timing matters

Our BACnet test framework (BTF) makes pre-testing considerably easier for experts. However, if BACnet devices communicate via the RS-485 serial standard, the exchange of data between the BTF on a Windows computer and the MS/TP (master slave/token passing) fieldbus system faces major challenges. The solution here is the UBR-BTF – a special router that gives the BTF direct access to MS/TP networks. During testing it sends data from the BTF computer to the fieldbus and back again. The connection to the BACnet test framework is made via TCP/IP. The UBR-BTF is available in two versions: as a tabletop unit or for a control cabinet.

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

PWR: 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

MS/TP (RS485)

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

DIP-Schalter

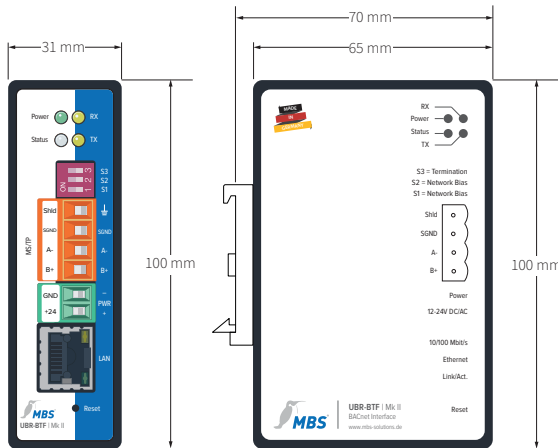
Bias: voltage MS/TP (RS485)
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 Termination resistance: 120 Ohm

BACnet Routing options

BACnet / IP
 BACnet / Ethernet (ISO 8802-3)
 BACnet / MS/TP (RS485)
 BBMD (BACnet Broadcast Management Device)
 FD (Foreign Device)
 DHCP-Server
 Integrated network and bias resistors (switchable)

Features

Slave-Proxy Mode
 Auto-Slave-Detection
 ARM9 processor
 200MB
 integrated Web server for configuration and analysis
 No Moving parts such as fans or similar
 Monitoring of all functions with hardware and software watchdog
 After a power failure of the UBR-BTF router automatically restarts
 Supporting international language packages
 DHCP-Server (Dynamic Host Configuration Protocol)
 Integrated and switchable network and bias resistors
 10/100 Mbit/s Network connection



Need help with commissioning?

Contact us!

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Specifications

Power consumption: 1,7 watts
Weight: 250 grams
Dimensions: height: 100 mm, width: 30 mm, depth: 70 mm (incl. DIN top-hat rail adapter)
Ambient temperature: 0...45°C, 23...113°F
Ambient humidity: 20...80 per cent relative humidity, non-condensing
Assembly: DIN top-hat rail TS35 in accordance with EN 60715

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*This product is CE certified
 *Specifications subject to change

