THE
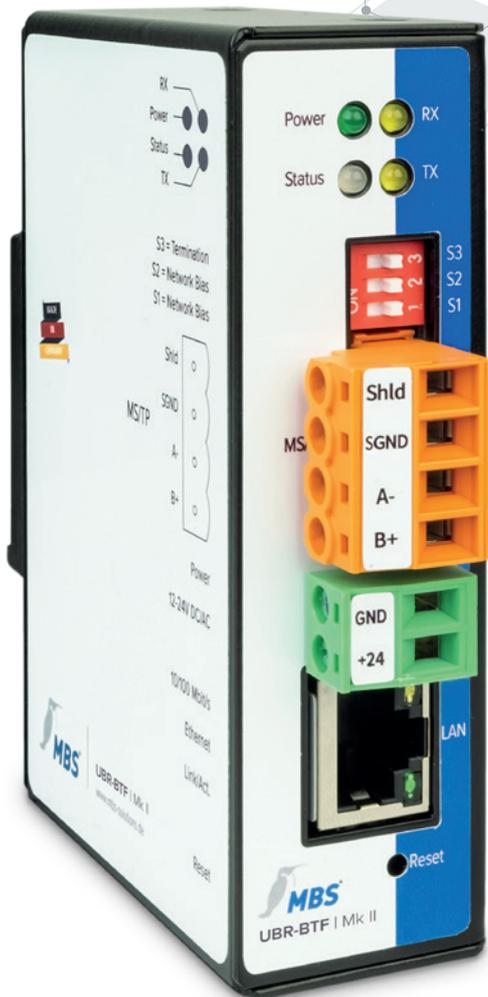# INTERFACE SOLUTION
FOR YOUR BUSINESS

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.

For more information: www.mbs-solutions.de

OEM

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
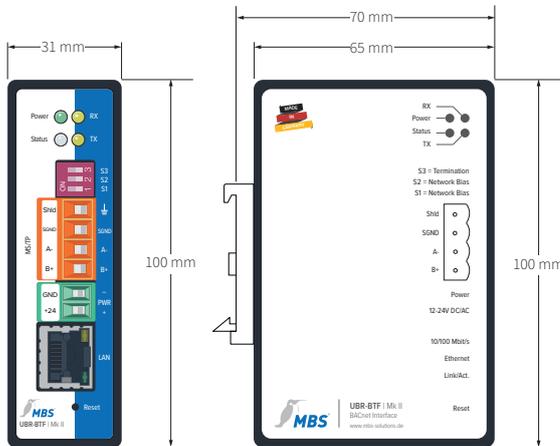Shld: shielding

DIP-Schalter
Bias: voltage MS/TP (RS485)
Bias: voltage MS/TP (RS485)
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

.info

Need help with commissioning?

Contact us!

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

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

Article number
Art.-Nr. 2-0014

*This product is CE certified
*Specifications subject to change