THE
INTERFACE SOLUTION
FOR YOUR BUSINESS

UBR-CAP | Desk | Mk II

Recording logging information and finding errors

If problems are suspected on an MS/TP bus, the UBR-CAP can be used to virtually listen in on the communication between the field devices. The interface does not register as a master or slave on the fieldbus, but merely forms a branch that has no effect on the MS/TP bus. Inserted into the fieldbus communication, the UBR-CAP records log files that are stored on a Windows computer via the IP interface. These can be opened and viewed using analysis software such as Wireshark. In this way, decentralised MS/TP networks can also be conveniently monitored. In addition, troubleshooting is considerably accelerated. The UBR-CAP is available in two versions: as a tabletop unit or for a control cabinet.

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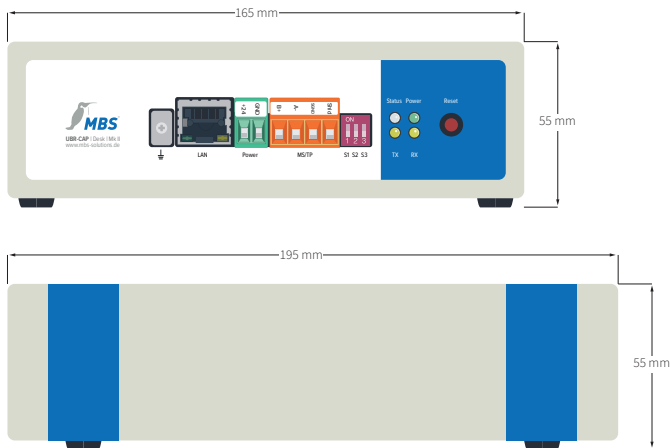
BACnet Routing options
BACnet / IP
BACnet / Ethernet (ISO 8802-3)
BACnet / MS/TP (RS485)
BBMD (BACnet Broadcast Management Device)
FD (Foreign Device)
DHCP-Server
Integrated network and bias resistors (switchable)

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-CAP 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

PE
PE Ground/Shield with M3 screw

165 mm — 55 mm

195 mm — 55 mm

.info

Need help with commissioning?

Contact us!

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

Specifications
Power consumption: 1,7 watts
Weight: 571 grams
Dimensions: height: 55 mm, width: 165 mm, depth: 195 mm
Umgebungstemperatur: 0...45°C, 23...113°F
Umgebungsfeuchte: 20...80 per cent relative humidity, non-condensing
Assembly: Table-top unit

Article number
Art.-Nr. 2-0006

*This product is CE certified
*Specifications subject to change