

BACNET ROUTER



TYPE:
ROUTER-BC

ORDER NO.:
G 02 93 00

>> Description

The BACnet router provides the solution for a manufacturer-independent connection of BACnet networks.

Fields of application for instance are:

- Routing between several Ethernet-BACnet networks.
- Disconnecting networks for safety reasons or for reducing the data load.
- Connecting different installations at different locations with the same or another mode of transmission.
- Extension if the number of nodes (users) has reached the maximum number.

The router complies with standards ASHRAE 135-2008 and ISO 16484-5. Used as BACnet broadcast management device (BBMD) for the transmission of BACnet broadcast as well as foreign device support. Profile of a B-BC (building controller), as well as support of a great number of additional BIBBs. Dynamic generation or deleting of objects (e. g. trend log, calendar, schedule) via BACnet.

Extension of BACnet devices in networks (e.g. units with the profiles B-AAC, B-ASC, B-SS and B-SA, such as individual room controllers, pump controllers, I/O-modules) with switching programs, trend and alarm extension.

- Parameterisation via standard web browser
- 1× SD flash card with up to 1 GB for BACnet trend data, documentation, web interface, languages, firmware, etc.
- 1× real time clock (RTC) with automatic summer and winter time switchover
- 1× USB service interface (type B) for diagnosis and parameterisation
- 1× Ethernet interface (10/100 MBit/s) communication interface
- 2× communication interfaces RS485 (galvanically isolated) to further automation stations or control and communication technology via BACnet MS/TP
- 1× RS232 (max. 115.2 kBaud) for connecting an external SE analogue or GSM modem, BACnet PTP, BACnet PPP

Robust metal housing, industrial design for top hat rail mounting.

>> Technical specifications

Dimensions:	125 × 108.5 × 77 (length x width × height (installation depth) in mm)
Voltage supply:	AC 24 V ± 10%, 50 ...60 Hz DC 24 V ± 20%
Power consumption:	approx. AC 6 VA approx. DC 2.9 W
Operation temperature:	0 °C ...+50 °C
Weight:	approx. 600 g
Protection class:	IP 20

See product documentation for further technical details. Modifications and mistakes reserved.

Questions? Your hotline to our company: Phone +49(0)7161 9584-0, www.se-elektronic.de