E-BACNET2-V

Converts EXOline/RS485 into BACnet/IP

For connection of Corrigo E Ventilation to a SCADA system running BACnet.

- **Very easy to commission**
- **Pre-configured for Corrigo E Ventilation**
- **Compact design**

E-BACNET2-V is a pre-configured converter for connecting a Corrigo E running a ventilation application to a SCADA system via BACnet. Communication with the Corrigo E takes place via EXOline RS485 and is pre-set to PLA:ELA address 254:254, meaning that in most cases it is possible to connect directly without changing any settings in the Corrigo E. Communication betweeen the converter and the SCADA system takes place via BACnet/IP. The unit is supplied with cables and a power adapter.

Configuration

E-BACNET2 configuration software is a tool used to change the converter's settings in cases where the default settings cannot be used. The tool enables changing the Device ID, IP settings (factory setting: 192.168.92.92/24) and the PLA:ELA address (should match the addresses of the Corrigo E, factory setting: 254:254).

Mounting

As a default, the converter is intended for wall mounting. However, a kit for DIN-mounting is also available as an option.

Included in the kit:

- EXOline to BACnet/IP converter
- Power supply unit, primary 100...240 V AC / 12 V DC out
- Connection cable between transformer and converter
- Connection cable between transformer and wall outlet (type C, European)
- RJ45 cable for connection between converter and switch
- RS485 cable for connection between Corrigo E and converter

REGIN

THE CHALLENGER IN BUILDING AUTOMATION

Mini PICS

BACnet Device profile
B-ASC
Functionality (BIBB)
Data sharing – ReadProperty-B (DS-RP-B)
Data sharing – ReadPropertyMultiple-B (DS-RPM-B)
Data sharing – WriteProperty-B (DS-WP-B)
Device Management – Dynamic Device Binding-B (DM-DDB-B)
Device Management – Dynamic Object Binding-B (DM-DOB-B)
Device Management – DeviceCommunicationControl-B (DM-DCC-B)
Segmentation
-
Object types
Analog Inputs, Analog Values, Binary Inputs, Binary Values, Device, Multistate Inputs, Multistate Values
Data Link Layer Options
BACnet/IP (Annex J)

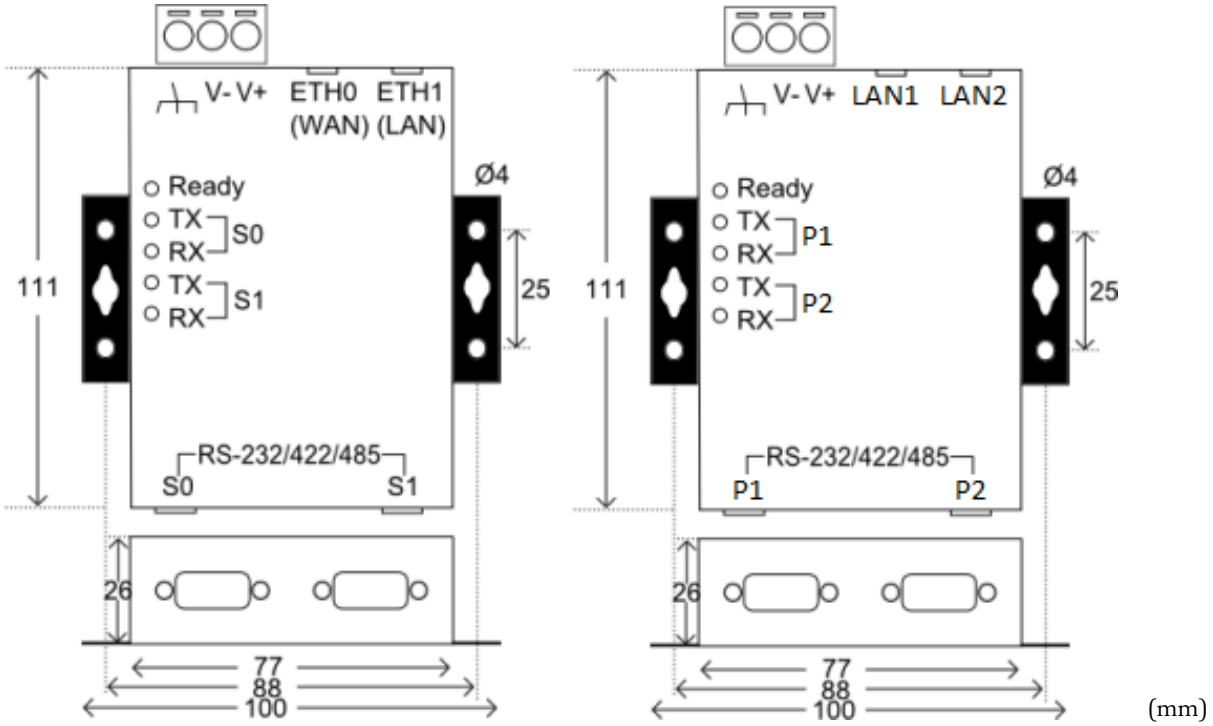
Technical data

Supply voltage	12...48 V DC
Weight	190 g
Mounting	Wall, DIN-mounting optional
Ambient temperature	-10...+60°C
Storage temperature	-20...+80°C
Ambient humidity	5...95% RH
Ethernet connections	Two, automatic change-over 10/100 Mbps
Serial connections	Two RS-232/422/485 (9-pole D-sub)

CE

Electrical safety: This product conforms to the requirements of electrical safety through product standards UL/cUL (UL60950-1, CSA C22.2 number 60950-1-03), TÜV (EN60950-1).
EMC emissions and immunity standard: This product conforms to the requirements of the EMC directive 2004/108/EC through product standards EN55022 class A, EN61000-3-2 class A, EN61000-3-3, EN55024, FCC (part 15 subpart B, CISPR 22 class A).
RoHS: This product conforms with the Directive 2011/65/EU of the European Parliament and of the Council.

Wiring and dimensions



(mm)

Black model

Blue model

Product documentation

Document	Type
E-BACNET2-V instruction	Instruction for E-BACNET2-V
E-BACNET2-V manual	Manual for E-BACNET2-V
EDE files	Files for adding E-BACNET2-V to a SCADA system before the physical unit is in place
E-BACNET2 configuration software	Tool for editing IP settings, Device ID and PLA:ELA addresses

The documents can be downloaded from www.regin.se.

Head office Sweden
Phone: +46 31 720 02 00
Web: www.regin.se
Mail: info@regin.se