



BACnet (server) Modbus (master) Gateway

- General purpose solution for translating Modbus messages to that of BACnet.
- Support BACnet/IP and act as a BACnet device on the IP network.
- Support Modbus and act as Modbus master on the RS485 network.
- Support up to 30 modbus devices
- Support from 800 up to 8,000 mod bus addresses.

BACnet Interface Specification

BACnet Standard Object Type Support

- Multi-State Input
- Device

	Initial Requests	Executes Requests
Who-Is	X	X
I-am	X	X
Who-Has	X	X
I-Have	X	X
Read-Property	X	X
Write-Property		X
UnconfirmdCOVNotification	X	
ConfirmedCOVNotification	X	
ConfirmedEventNotification	X	
UnconfirmedEventNotification	X	
SubscribeCOV		X
GetAlarmSummary		X
DeviceCommunicationControl		X
ReinitializeDevice		X
TimeSynchronization		X



Type summary

Type reference	Features
BAC8000	Supports up to 8000 BACnet objects
BAC800	Supports up to 800 BACnet objects


Disposal



The controller includes electrical and electronic components and must not be disposed of as domestic waste.

Current local legislation must be observed.

⚠ Power supply
Outputs Environmental conditions

Operating voltage	5V D.C.
Power consumption	3A (max)
Connectors	Up to 9600 Baud
D-Sub 9 pin RS-232 ports	IEEE 802.3 10/100Mbps
RJ-45 connector for Ethernet	External I/O devices
USB 1.1 ports	
Operation	
Climatic conditions	
Temperature	0...+50 °C
Humidity	<90 % (non-condensing)
Transport	to IEC 721-3-2
Climatic conditions	class 2K3
Temperature	-25...+60 °C
Humidity	<95 % r.h. class
Mechanical conditions	2M2
Storage	to IEC 721-3-1
Climatic conditions	class 1K3
Temperature	-25...+60 °C
Humidity	<95 % r.h.
Weight	
BAC8000	0.176Kg
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Dimension (W x L)	
BAC8000	146mm x 203mm (5.75" x 8")
BAC800	146mm x 102mm (5.7" x 4")
	2002/95/EC



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Connection diagrams

