

**Protocol Implementation Conformance Statement (Normative)**

**BACnet Protocol Implementation Conformance Statement**



**Lennox 96W14/96W15/96W16**

**(KMC Controls BAC-8304-56)**

**Application Specific Controller (B-ASC)**

**BACnet Protocol Implementation Conformance Statement  
(BACnet Testing Laboratories Version)**

**Date:** 06-03-13

**Vendor Name:** KMC Controls (manufactured for Lennox)

**Product Name:** Lennox 96W14/96W15/96W16

**Product Model Number:** BAC-8304-56

**Applications Software Version:** APP1.0.10.0

**Firmware Revision:** R1.0.0.3

**BACnet Protocol Revision:** 135-2008 Version:1, Revision:7

**Product Description:**

The BAC-8304 is an application specific direct digital control actuator (B-ASC) that provides precise monitoring and control of connected points. It is designed for the application of 2H/2C RTU with economizer and occupancy enable. It has four analog inputs, a modular connection for an STE-8001 digital sensor/interface, and six single-stage optically isolated triac outputs.

**List all BACnet Interoperability Building Blocks supported (see Annex K in BACnet 2001):**

DS-RP-A, DS-RP-B, DS-RPM-B, DS-WP-A, DS-WP-B, DS-WPM-B, DM-DDB-A, DM-DDB-B, DM-DCC-B, DM-DOB-B, DM-TS-B, DM-RD-B

**Which of the following device binding methods does the product support? (check one or more)**

- Send Who-Is, receive I-Am (BIBB DM-DDB-A)
- Receive Who-Is, send I-Am (BIBB DM-DDB-B)
- Send Who-Has, receive I-Have (BIBB DM-DOB-A)
- Receive Who-Has, send I-Have (BIBB DM-DOB-B)
- Manual configuration of recipient device's network number and MAC address
- None of the above

**Standard Object Types Supported:**

OBJECT	CREATABLE	DELETABLE	OPTIONAL PROPERTIES
Analog Input	No	No	Description, Device_Type
Analog Output	No	No	Description, Device_Type
Analog value	No	No	Description, Priority_Array, Relinquish_Default
Binary Output	No	No	Active_Text, Description, Device_Type, Inactive_Text
Binary Value	No	No	Active_Text, Description, Inactive_Text, Priority_Array, Relinquish_Default
Loop	No	No	Bias, Derivative_Constant, Derivative_Constant_Units, Description, Integral_Constant, Integral_Constant_Units, Maximum_Output, Minimum_Output, Proportional_Constant, Proportional_Constant_Units
Program	No	No	Description, Description_Of_Halt, Program_Location, Reason_For_Halt

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File	No	No	Description
Device	No	No	<b>Description, Local_Date, Local_Time, Location, Max_Info_Frames, Max_Master,</b>
Multi-State Value	No	No	<b>Description, Priority_Array, Relinquish_Default, State_Text,</b>

**Data Link Layer Options (check all that are supported):**

- BACnet IP, (Annex J)
  - Able to register as a Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s) \_\_\_\_\_
- MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
- MS/TP slave (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
- Point-To-Point, EIA 232 (Clause 10), baud rate(s): \_\_\_\_\_
- Point-To-Point, modem, (Clause 10), baud rate(s): \_\_\_\_\_
- LonTalk, (Clause 11), medium: \_\_\_\_\_
- Other: \_\_\_\_\_

**Networking Options (check all that are supported):**

- Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.: \_\_\_\_\_
- Annex H.3, BACnet Tunneling Router over UDP/IP
- BACnet/IP Broadcast Management Device (BBMD)
  - Does the BBMD support registrations by Foreign Devices?  Yes  No

**Segmentation Capability (check all that apply):**

- Able to transmit segmented messages                      Window Size \_\_\_\_\_
- Able to receive segmented messages                              Window Size \_\_\_\_\_

**Character Sets Supported (check all that apply):**

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- ANSI X3.4                       IBM™/Microsoft™ DBCS                       ISO 8859-1
- ISO 10646 (UCS-2)                       ISO 10646 (ICS-4)                       JIS C 6226

**If this product is a communication gateway, describe the non-BACnet equipment/network(s) that the gateway supports:**

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**Include any addition information about the product's BACnet capabilities relevant to interoperability:**

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