5.2 Appendix B : PICS (D-BACS Interface for use in BACnet® Ver. 6.20)

BACnet Protocol Implementation Conformance Statement

Date : Nov. 15, 2006
Vendor Name : DAIKIN INDUSTRIES, Ltd.
Product Name : D-BACS Interface for use in BACnet®
Product Model Number : DMS502B51
Applications Software Version : 6.20.00  Firmware Revision : 000.001  BACnet Protocol Revision : 4

Product Description :
This product provides the function of monitoring and operating the air-conditioner. The supported Data Link Layer Options are BACnet/IP.

BACnet Standardized Device Profile (Annex L) :
☐ BACnet Operator Workstation (B-OWS)
☐ BACnet Building Controller (B-BC)
☐ BACnet Advanced Application Controller (B-AAC)
☒ BACnet Application Specific Controller (B-ASC)
☐ BACnet Smart Sensor (B-SS)
☐ BACnet Smart Actuator (B-SA)

BACnet Interoperability Building Blocks Supported (Annex K) :

<table>
<thead>
<tr>
<th>Supported BIBBs</th>
<th>BIBB Name</th>
<th>Standard support</th>
<th>Optional support</th>
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</thead>
<tbody>
<tr>
<td>Data Sharing</td>
<td>DS-RP-B</td>
<td>Data Sharing-ReadProperty-B</td>
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</tr>
<tr>
<td></td>
<td>DS-RPM-B</td>
<td>Data Sharing-ReadPropertyMultiple-B</td>
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</tr>
<tr>
<td></td>
<td>DS-WP-B</td>
<td>Data Sharing-WriteProperty-B</td>
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</tr>
<tr>
<td></td>
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<td>Data Sharing-WritePropertyMultiple-B</td>
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</tr>
<tr>
<td></td>
<td>DS-COV-B</td>
<td>Data Sharing-COV-B</td>
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</tr>
<tr>
<td></td>
<td>DS-COVU-B</td>
<td>Data Sharing-COV-Unsolicited-B</td>
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</tr>
<tr>
<td>Alarm and Event Management</td>
<td>AE-N-I-B</td>
<td>Alarm and Event-Notification Internal-B</td>
<td>☐</td>
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<tr>
<td>Device Management</td>
<td>DM-DDB-A</td>
<td>Device Management-Dynamic Device Binding-A</td>
<td>☒</td>
</tr>
<tr>
<td></td>
<td>DM-DDB-B</td>
<td>Device Management-Dynamic Device Binding-B</td>
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</tr>
<tr>
<td></td>
<td>DM-DOB-B</td>
<td>Device Management-Dynamic Object Binding-B</td>
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<td></td>
<td>DM-DCC-B</td>
<td>Device Management-DeviceCommunicationControl-B</td>
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<tr>
<td></td>
<td>DM-TS-B</td>
<td>Device Management-Time Synchronization-B</td>
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<tr>
<td></td>
<td>DM-UTC-B</td>
<td>Device Management-UTCTimeSynchronization-B</td>
<td>☒</td>
</tr>
<tr>
<td></td>
<td>DM-LM-B</td>
<td>Device Management-List Manipulation-B</td>
<td>☑</td>
</tr>
</tbody>
</table>

* In a default setting, AE-N-I-B and DM-LM-B are invalid. They become valid after setting by a setup tool for a service man.
Standard Object Types Supported:

(1) Accumulator
- Dynamically Creatable: No
- Dynamically Deletable: No
- Optional Properties Supported: Reliability
- Writable Properties: n/a
- Proprietary Properties: n/a
- Property Range Restrictions: n/a

(2) Analog Input
  a) Room Temperature
     - Dynamically Creatable: No
     - Dynamically Deletable: No
     - Optional Properties Supported: Reliability, COV_Increment,
       (Time_Delay, Notification_Class, High_Limit, Low_Limit, Deadband,
       Limit_Enable, Event_Enable, Acked_Transitions, Notify_Type,
       Event_Time_Stamps)
       * These properties are supported when intrinsic reporting is valid.
     - Writable Properties: (High_Limit, Low_Limit, Deadband, Limit_Enable)
       * These properties are supported when intrinsic reporting is valid.
     - Proprietary Properties: n/a
     - Property Range Restrictions: n/a
  b) Others
     - Dynamically Creatable: No
     - Dynamically Deletable: No
     - Optional Properties Supported: Reliability, COV_Increment,
     - Writable Properties: n/a
     - Proprietary Properties: n/a
     - Property Range Restrictions: n/a

(3) Analog Value
- Dynamically Creatable: No
- Dynamically Deletable: No
- Optional Properties Supported: Reliability, Priority_Array, Relinquish_Default, COV_Increment
- Writable Properties: Present_Value
- Proprietary Properties: n/a
- Property Range Restrictions: n/a

(4) Binary Input
  a) Alarm Sign, Filter Limit Sign
     - Dynamically Creatable: No
     - Dynamically Deletable: No
     - Optional Properties Supported: Reliability, Description (Only Alarm Sign supports), (Time_Delay,
       Notification_Class, Alarm_Value, Event_Enable, Acked_Transitions, Notify_Type,
       Event_Time_Stamps)
       * These properties are supported when intrinsic reporting is valid.
     - Writable Properties: n/a
     - Proprietary Properties: n/a
     - Property Range Restrictions: n/a
  b) ON / OFF (Status)
     - Dynamically Creatable: No
     - Dynamically Deletable: No
     - Optional Properties Supported: Reliability,
       Change_Of_State_Time, Change_Of_State_Count, Time_Of_State_Count_Reset,
       Elapsed_Active_Time, Time_Of_Active_Time_Reset
     - Writable Properties: n/a
     - Proprietary Properties: n/a
     - Property Range Restrictions: n/a
c) Others
Dynamically Creatable : No
Dynamically Deletable : No
Optional Properties Supported : Reliability
Writable Properties : n / a
Proprietary Properties : n / a
Property Range Restrictions : n / a

(5) Binary Output
Dynamically Creatable : No
Dynamically Deletable : No
Optional Properties Supported : Reliability
Writable Properties : Present_Value
Proprietary Properties : n / a
Property Range Restrictions : n / a

(6) Binary Value
a) Filter Limit Sign Reset
Dynamically Creatable : No
Dynamically Deletable : No
Optional Properties Supported : Reliability, Priority_Array, Relinquish_Default,
(Time_Delay, Notification_Class, Alarm_Value, Event_Enable,
Acked_Transitions, Notify_Type, Event_Time_Stamps)
* These properties are supported when intrinsic reporting is valid.
Writable Properties : Present_Value
Proprietary Properties : n / a
Property Range Restrictions : n / a
b) Others
Dynamically Creatable : No
Dynamically Deletable : No
Optional Properties Supported : Reliability, Priority_Array, Relinquish_Default,
Writable Properties : Present_Value
Proprietary Properties : n / a
Property Range Restrictions : n / a

(7) Device
Dynamically Creatable : No
Dynamically Deletable : No
Optional Properties Supported : Max_Segment_Accepted, Local_Time, Local_Date, UTC_Offset,
Daylight_Saving_Status, APDU_Segment_Timeout,
Active_COV_Subscriptions
Writable Properties : n / a
Proprietary Properties : n / a
Property Range Restrictions : n / a

(8) Multi-state Input
Dynamically Creatable : No
Dynamically Deletable : No
Optional Properties Supported : Reliability, Description (Only Error Code supports.)
Writable Properties : n / a
Proprietary Properties : n / a
Property Range Restrictions : n / a

(9) Multi-state Output
Dynamically Creatable : No
Dynamically Deletable : No
Optional Properties Supported : Reliability
Writable Properties : Present_Value
Proprietary Properties : n / a
Property Range Restrictions : n / a
(10) Notification Class
Dynamically Creatable : No
Dynamically Deletable  : No
Optional Properties Supported : n / a
Writable Properties  : Recipient_List
Proprietary Properties : n / a
Property Range Restrictions : n / a
* Notification Class Object exists when intrinsic reporting is valid.

Data Link Layer Options:
- BACnet IP, (Annex J)
- 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) : __________________________
- MS / TP slave (Clause 9), baud rate(s) : __________________________
- Point-To-Point, EIA 232 (Clause 10), baud rate(s) : __________________
- Point-To-Point, modem, (Clause 10), baud rate(s): __________________
- LonTalk, (Clause 11), medium : __________

Device Address Binding :
Is static device binding supported? (This is currently necessary for two-way communication with MS / TP slaves and certain other devices.) □ Yes  ■ No

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

Character Sets Supported :
Indicating support for multiple character sets does not imply that they can all be supported simultaneously.
- ANSI X3.4  ■ IBM\textsuperscript{TM} / Microsoft\textsuperscript{TM} DBCS  □ ISO 8859-1
- ISO 10646 (UCS-2)  □ ISO 10646 (UCS-4)  □ JIS C 6226

If this product is a communication gateway, describe the types of non-BACnet equipment / networks(s) that the gateway supports:
- Not applicable.
- Not applicable.