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## BACnet Testing Laboratories Product Listing

*BACnet functionality in each Listed product has been successfully tested at a Recognized BACnet Testing Organization utilizing the industry standard BTL test suite and test policies that were current at the time it was tested. For Listings with multiple products, some products may have less functionality than is indicated by the Listing document. The PICS document provides information on the specific functionality of each product. Note that PICS documents on the BTL Listings site are provided by the manufacturer and are not independently verified by BTL.*

### Listing Information (BTL-31564)

|                                                                               |                          |                |
|-------------------------------------------------------------------------------|--------------------------|----------------|
| Vendor                                                                        |                          | Listing Status |
| Johnson Controls Inc.<br>5757 N. Green Bay Ave.<br>Milwaukee, WI 53209<br>USA |                          | Listed Product |
| Test Requirements                                                             | BACnet Protocol Revision | Date Tested    |
| Requirements as of December 2024                                              | Revision 19 (135-2016)   | November 2025  |

|                                               |               |                  |
|-----------------------------------------------|---------------|------------------|
| Product Name                                  | Model Numbers | Firmware version |
| Metasys Critical Environment Controller (CCM) | M4-CCM09090-0 | 12.0.1.34        |

### Device Profiles

|                                                |               |
|------------------------------------------------|---------------|
| Profile                                        | Model Numbers |
| BACnet Advanced Application Controller (B-AAC) | All models    |

### BIBBs Supported

|              |                                |           |
|--------------|--------------------------------|-----------|
| Data Sharing | ReadProperty-A                 | DS-RP-A   |
|              | ReadProperty-B                 | DS-RP-B   |
|              | ReadPropertyMultiple-A         | DS-RPM-A  |
|              | ReadPropertyMultiple-B         | DS-RPM-B  |
|              | WriteProperty-A                | DS-WP-A   |
|              | WriteProperty-B                | DS-WP-B   |
|              | WritePropertyMultiple-B        | DS-WPM-B  |
|              | Change Of Value-B              | DS-COV-B  |
|              | Change Of Value Property-B     | DS-COVP-B |
|              | Change Of Value Unsubscribed-B | DS-COVU-B |

|                              |                                |           |
|------------------------------|--------------------------------|-----------|
| Alarm and Event Notification | Notification Internal-B        | AE-N-I-B  |
|                              | Acknowledge-B                  | AE-ACK-B  |
|                              | Alarm Summary-B                | AE-ASUM-B |
|                              | Enrollment Summary-B           | AE-ESUM-B |
|                              | Information-B                  | AE-INFO-B |
|                              | Event Log-Internal-B           | AE-EL-I-B |
|                              | Configurable Recipient Lists-B | AE-CRL-B  |

|            |            |           |
|------------|------------|-----------|
| Scheduling | Internal-B | SCHED-I-B |
|            | External-B | SCHED-E-B |

|          |                                         |           |
|----------|-----------------------------------------|-----------|
| Trending | Viewing and Modifying Trends Internal-B | T-VMT-I-B |
|          | Automated Trend Retrieval-B             | T-ATR-B   |

|                   |                              |          |
|-------------------|------------------------------|----------|
| Device Management | Dynamic Device Binding-A     | DM-DDB-A |
|                   | Dynamic Device Binding-B     | DM-DDB-B |
|                   | Dynamic Object Binding-B     | DM-DOB-B |
|                   | DeviceCommunicationControl-B | DM-DCC-B |
|                   | TimeSynchronization-B        | DM-TS-B  |
|                   | UTCTimeSynchronization-B     | DM-UTC-B |
|                   | ReinitializeDevice-B         | DM-RD-B  |
|                   | Backup and Restore-B         | DM-BR-B  |
|                   | Restart-B                    | DM-R-B   |
|                   | List Manipulation-B          | DM-LM-B  |

## Object Type Support

|              |                    |                   |
|--------------|--------------------|-------------------|
| Accumulator  | Analog Input       | Analog Output     |
| Analog Value | Binary Input       | Binary Output     |
| Binary Value | Calendar           | Device            |
| Event Log    | File               | Multi-State Value |
| Network Port | Notification Class | Schedule          |
| Trend Log    |                    |                   |

## Data Link Layer Options

|               |                           |
|---------------|---------------------------|
| Media         | Options                   |
| MS/TP Manager | 9600, 19200, 38400, 76800 |

## Character Set Support

|                   |
|-------------------|
| ISO 10646 (UTF-8) |
| ISO 10646 (UCS-2) |