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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-31502)

| | | |
|---|--------------------------|----------------|
| Vendor | | Listing Status |
| Johnson Controls 5757 N Green Bay Ave Glendale, WI 53209 USA | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of December 2024 | Revision 19 (135-2016) | January 2026 |

| | | |
|---------------|---------------|------------------|
| Product Name | Model Numbers | Firmware version |
| BACnet Router | JC-RTR11002-0 | 15.0.1.15 |

Device Profiles

| | |
|-----------------------|---------------|
| Profile | Model Numbers |
| BACnet Router (B-RTR) | 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-B | DS-WP-B |
| | WritePropertyMultiple-B | DS-WPM-B |
| | Change Of Value Property-B | DS-COVP-B |
| | Change Of Value Unsubscribed-B | DS-COVU-B |

| | | |
|------------------------------|--------------------------------|-----------|
| Alarm and Event Notification | Acknowledge-B | AE-ACK-B |
| | Information-B | AE-INFO-B |
| | Configurable Recipient Lists-B | AE-CRL-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-A | DM-TS-A |
| | TimeSynchronization-B | DM-TS-B |
| | UTCTimeSynchronization-A | DM-UTC-A |
| | UTCTimeSynchronization-B | DM-UTC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | Restart-A | DM-R-A |
| | Restart-B | DM-R-B |
| | List Manipulation-B | DM-LM-B |
| | Automatic Time Synchronization-A | DM-ATS-A |
| | Manual Time Synchronization-A | DM-MTS-A |
| | Router Configuration-B | NM-RC-B |
| BBMD Configuration-B | NM-BBMD-B | |

Object Type Support

| | | |
|--------------------|-----------|--------------|
| Averaging | Device | Network Port |
| Notification Class | Trend Log | |

Data Link Layer Options

| | |
|---------------------|---|
| Media | Options |
| BACnet/IP (Annex J) | BBMD Register as Foreign Device BACnet/IP, 'DIX' Ethernet |
| MS/TP Manager | 9600, 19200, 38400, 76800, 115200 |

Character Set Support

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| ISO 10646 (UTF-8) ISO 10646 (UCS-2) IBM/Microsoft DBCS |
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