# 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-30794-1)

| Vendor | Listing Status |
|---|---|
| Schneider Electric LLC<br>800 Federal Street<br>Andover, MA 01810<br>USA | Listed Product |

| Test Requirements | BACnet Protocol Revision | Date Tested |
|---|---|---|
| Requirements as of December 2018 | Revision 14 (135-2012) | January 2019 |

| Product Name | Model Numbers | Firmware version |
|---|---|---|
| EcoStruxure Building Operation | AS, AS-P, AS-B, ES, AS-P-NL | 3.2 |

## Device Profiles

| Profile | Model Numbers |
|---|---|
| BACnet Building Controller (B-BC) | All models |

## BIBBs Supported

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

| | | |
|---|---|---|
| Alarm and Event Notification | Notification-A | AE-N-A |
| | Notification Internal-B | AE-N-I-B |
| | Notification External-B | AE-N-E-B |
| | Acknowledge-B | AE-ACK-B |
| | Alarm Summary-B | AE-ASUM-B |
| | Enrollment Summary-B | AE-ESUM-B |
| | Information-B | AE-INFO-B |

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

| | | |
|---|---|---|
| Trending | Viewing and Modifying Trends Internal-B | T-VMT-I-B |
| | Viewing and Modifying Trends External-B | T-VMT-E-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 |
| | Text Message-B | DM-TM-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 |
| | Backup and Restore-B | DM-BR-B |
| | List Manipulation-B | DM-LM-B |
| | Object Creation and Deletion-B | DM-OCD-B |
| | Automatic Time Synchronization-A | DM-ATS-A |
| | Router Configuration-B | NM-RC-B |
| | BBMD Configuration-B | NM-BBMDC-B |
| | Foreign Device Registration-A | NM-FDR-A |

## Object Type Support

| | | |
|---|---|---|
| Analog Input | Analog Output | Analog Value |
| Binary Input | Binary Output | Binary Value |
| Calendar | Device | Event Enrollment |
| File | Loop | Multi-State Input |
| Multi-State Output | Multi-State Value | Notification Class |
| Schedule | Trend Log | |

## Data Link Layer Options

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

## Character Set Support

| |
|---|
| ANSI X3.4<br>ISO 8859-1<br>ISO 10646 (UCS-4)<br>ISO 10646 (UCS-2)<br>ISO 10646 (UTF-8) |