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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-30851)

|   |                          |                |
|---|--------------------------|----------------|
| Vendor  |                          | Listing Status |
| Distech-Controls, Inc.<br>4205 place de java<br>Brossard, Quebec, J4Y 0C3<br>Canada |                          | Listed Product |
| Test Requirements   | BACnet Protocol Revision | Date Tested    |
| Requirements as of February 2021  | Revision 15              | January 2022   |

|              |               |                |
|--------------|---------------|----------------|
| Product Name | Model Numbers | Version        |
| ECY-APEX     | ECY-APEX      | 1.17.22026.602 |

## Device Profiles

|                                   |               |
|-----------------------------------|---------------|
| Profile                           | Model Numbers |
| BACnet Building Controller (B-BC) | 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-A        | DS-WPM-A  |
|                                | 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 |
|                                | Change Of Value Unsubscribed-A | DS-COVU-A |
| Change Of Value Unsubscribed-B | DS-COVU-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 |
|                              | 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 |
|          | 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-A         | DM-DOB-A |
|                   | 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 Creation and Deletion-B   | DM-OCD-B |
|                   | Automatic Time Synchronization-A | DM-ATS-A |
|                   | Manual Time Synchronization-A    | DM-MTS-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 Value | Notification Class | Program           |
| 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

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