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# BACnet Testing Laboratories Product Listing

*This product has been tested at a qualified BACnet Testing Laboratory and found to comply with all the necessary interoperability requirements in place on the published test date. This listing represents the tested capability of the Listed Products. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the BACnet International website.*

## Listing Information (BTL-30434)

Vendor		Listing Status
Johnson Controls 507 E. Michigan St Milwaukee, WI 53202 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of May 2018	Revision 14 (135-2012)	February 2019

Product Name	Model Numbers	Firmware version
MR5 Refrigerated Case Controllers	MR534	1.99.0.853 (BACnet firmware)

## Device Profiles

Profile	Model Numbers
BACnet Application Specific Controller (B-ASC)	All models

## BIBBs Supported

Data Sharing	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-B	DS-WPM-B
	Change Of Value-B	DS-COV-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
	Information-B	AE-INFO-B
	Event Log-Internal-B	AE-EL-I-B

Trending	Viewing and Modifying Trends Internal-B	T-VMT-I-B
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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

## Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Device
Event Log	File	Multi-State Value
Notification Class	Time Value	Trend Log

## Data Link Layer Options

Media	Options
MS/TP Master	9600, 38400

## Character Set Support

ISO 10646 (UCS-2)
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