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-30723)

Vendor		Listing Status
Carel S.p.A. Via dell'Industria 11 35020 Brugine, Padova Italy		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of January 2020	Revision 14 (135-2012)	February 2021

Product Name	Model Numbers	Firmware version
uPC3	**UP3 X^1 XX^2 X^3 X^4 X^5 $X^6X^7X^8X^9$** where X^1 is A, B, C, S, U, V, W, X, Y or Z XX^2 is 00, 0B, 02, 0D, AE or DN X^3 is 0, 1, 2, 3, 4, 5, A, B, G, H or T X^4 is 0, 1, 2, A, B or C X^5 is 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, R, H, Y or Z X^6 is 0, S or T X^7 is 2, 3, 4, A, B, C, D or E X^8 is X, S, M or L X^9 is 0, 1, 2 or K	4.8.001

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-A	DS-COVP-A
	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

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

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Characterstring Value	Device
File	Integer Value	Multi-State Input
Multi-State Output	Multi-State Value	Notification Class
Positive Integer Value	Schedule	Trend Log

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device BACnet/IP, 'DIX' Ethernet
MS/TP Master	9600, 19200, 38400, 57600, 76800, 115200

Character Set Support

ISO 10646 (UTF-8)