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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 Product. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the BI website.

Listing Information

Vendor		Listing Status
Siemens, Building Technologies Gubelstrasse 22 6301 Zug Switzerland		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of April 2008	Revision 5 (135-2004a)	April 2009

Product Name	Model Number	Software Version
DESIGO PX Compact	PXC12.D, PXC12-T.D, PXC12-E.D, PXC22D.D, PXC22-T.D, PXC22-E.D	4
DESIGO PX Compact	PXC36.D, PXC36-T.D, PXC36-E.D, PXC52(PPC), PXC-NRUF	4
DESIGO PX Modular	PXC00.D, PXC00-E.D, PXC100.D, PXC100-E.D, PXC200.D, PXC200-E.D	4
DESIGO PX Modular	PXC64-U, PXC128-U, PX_KNX, PX-OPEN Modbus, PX-OPEN Mbus, PX-OPEN-SCL	4

Device Profiles

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

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-B	DS-WPM-B
	COV-A	DS-COV-A
COV-B	DS-COV-B	

Alarm and Event Notification	Notification Internal-B	AE-N-I-B
	ACK-B	AE-ACK-B
	Information B	AE-INFO-B

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

Trending	Viewing and Modifying - Internal-B	T-VMT-I-B
	Automated Trend Retrieval-B	T-ATR-B

Device and Network 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

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Device	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) ¹	

Networking Options

Networking Functionality	Media
Annex J BBMD ¹	BACnet/IP

Character Set Support

ANSI X3.4

¹ This option is supported only by the BACnet/IP based PXC12-E.D, PXC22-E.D, PXC36-E.D., PXC000-E.D, PXC100-E.D, PXC200-E.D., PXC128-U, PX_KNX, PX-OPEN Modbus, PX-OPEN Mbus, PX-OPEN-SCL.