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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-31504)

Vendor		Listing Status
Phoenix Contact GmbH & Co. KG Business Unit Power Supplies Flachmarktstraße 8 32825 Blomberg Germany		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of December 2024	Revision 26	February 2026

Product Name	Model Numbers	Firmware version
EMpro - Multifunctional energy measuring devices	EEM-MA390-R – 1576552, EEM-MA391-R – 1576585, EEM-MA390-R-24DC – 1576594, EEM-MA790-R – 1576595	2.0.0

## 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

Trending	Viewing and Modifying Trends Internal-B	T-VMT-I-B
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Device Management	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
	Foreign Device Registration-A	NM-FDR-A

## Object Type Support

Analog Input	Analog Value	Binary Input
Binary Output	Binary Value	Characterstring Value
Device	Multi-State Value	Network Port
Positive Integer Value	Trend Log	

## Data Link Layer Options

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

## Character Set Support

ISO 10646 (UTF-8)
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