

BACnet Protocol Implementation Conformance Statement

MFC – Controlador de Fancoil

Date: 22/11/2012
Vendor Name: Mercado Automação
Product Name: MFC
Product Model Number: MFC
App Software Version: N/A
Firmware Revision: 1.00
BACnet Protocol Rev: 1.7

Product Description:

MFC is a fancoil controller that supports many functions like temperature, humidity, CO₂ and pressure control. It has 6 binary outputs, 8 universal inputs, a local interface that support full configuration and a 485 serial port that support BACnet and Modbus protocol.

BACnet Standardized Device Profile (Annex L):

- ☐ BACnet Operator Workstation (B-OWS)
- ☐ BACnet Advanced Operator Workstation (B-AWS)
- ☐ BACnet Operator Display (B-OD)
- ☐ BACnet Building Controller (B-BC)
- ☐ BACnet Advanced Application Controller (B-AAC)
- ☒ BACnet Application Specific Controller (B-ASC)
- ☐ BACnet Smart Sensor (B-SS)
- ☐ BACnet Smart Actuator (B-SA)

BACnet Interoperability Building Blocks Supported (Annex K):

DS-RP-B, DS-RPM-B, DS-WP-B, SCHED-I-B, T-VMT-I-B, DM-DDB-B, DM-DOB-B, DM-TS-B

Segmentation Capability:

- ☐ Able to transmit segmented messages Window Size _____
- ☐ Able to receive segmented messages Window Size _____

Standard Object Types Supported:

Device support (contains) these objects:

AnalogInput, AnalogOutput, AnalogValue, BinaryInput, BinaryOutput, BinaryValue, MultiStateValue, Schedule.

It does not support dynamic creation of any objects (CreateObject and DeleteObject services).

Data Link Layer Options:

☒ MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 57600, 76800, 115200bps.

Device Address Binding:

Is static device binding supported? ☐ Yes ☒ No

Networking Options:

☐ Router, Clause 6 - List all routing configurations

☐ Annex H, BACnet Tunneling Router over IP

☐ BACnet/IP Broadcast Management Device (BBMD)

Does the BBMD support registrations by Foreign Devices? ☐ Yes ☐ No

Does the BBMD support network address translation? ☐ Yes ☐ No

Network Security Options:

☒ Non-secure Device - is capable of operating without BACnet Network Security

☐ Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)

☐ Multiple Application-Specific Keys:

☐ Supports encryption (NS-ED BIBB)

☐ Key Server (NS-KS BIBB)

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

☒ ANSI X3.4

☐ IBM™/Microsoft™ DBCS

☐ ISO 8859-1

☐ ISO 10646 (UCS-2)

☐ ISO 10646 (UCS-4)

☐ JIS X 0208

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports:

Is not a gateway.