

Protocol Implementation Conformance Statement

Date: February, 2015

Product Name: Universal Field Controller UFC-24

Product Model Number: FSC-UFC24

Application Software Version: V2.0

Firmware Revision: 02000102

BACnet Protocol Revision: 4



Product Description:

Universal System Link between motorized fire or smoke extraction dampers and any Modbus or BACnet system or analog control. It controls and monitors 1 fire or smoke extraction damper as well as 1 smoke detector and 1 thermoelectrical tripping device.

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)

List all BACnet Interoperability Building Blocks Supported (Annex K)

- ! Data Sharing-Read Property-B (DS-RP-B)
- ! Data Sharing-Write Property-B (DS-WP-B)
- ! Device Management-Dynamic Device Binding-B (DM-DDB-B)
- ! Device Management-Dynamic Object Binding-B (DM-DOB-B)
- ! Device Management-Device Communication Control-B (DM-DCC-B)

Segmentation Capability:

No Segmentation

Standard Object Types Supported:

Object Type	Support	Creat.	Deleteable	Optional	Writable
Analog Input	■	■	■	.....	.....
Analog Output	■	■	■	.....	.....
Analog Value	■	■	■	.....	.....
Binary Input	■	■	■	.....	.....
Binary Output	■	■	■	.....	.....
Binary Value	■	■	■	.....	.....
Calendar	■	■	■	.....	.....
Command	■	■	■	.....	.....
Device	Yes	N/A	N/A	.....	.....
Event Enrollment	■	■	■	.....	.....
File	■	■	■	.....	.....
Group	■	■	■	.....	.....
Loop	■	■	■	.....	.....
Multi-state-Input	■	■	■	.....	.....
Multi-state-Output	■	■	■	.....	.....
Multi-state-Value	■	■	■	.....	.....
Notification class	■	■	■	.....	.....
Programm	■	■	■	.....	.....
Scheldure	■	■	■	.....	.....

Data Link Layer Options:

- ! BACnet IP, (Annex J)
- ! BACnet IP, (Annex J), Foreign Device
- ! ISO 8802-3, Ethernet (Clause 7)
- ! ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ! ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s)
- ! **MS/TP master (Clause 9), baud rate(s):9600 19200 38400 76800 - Auto Baud Rate**
- ! MS/TP slave (Clause 9), baud rate(s): _
- ! Point-To-Point, EIA 232 (Clause 10), baud rate(s):
- ! Point-To-Point, modem, (Clause 10), baud rate(s):
- ! LonTalk, (Clause 11), medium:
- ! BACnet/ZigBee (ANNEX O)
- ! Other:

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) ! Yes ! **No**

Character Sets Supported:

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

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|---------------------|------------------------|--------------|
| ! ISO 10646 (UTF-8) | ! IBM-/Microsoft™ DBCS | ! ISO 8859-1 |
| ! ISO 10646 (UCS-2) | ! ISO 10646 (UCS-4) | ! JIS X 0208 |
| ! ANSI X. | | |