

BACnet Protocol Implementation Conformance Statement

Date: February 8, 2018

Vendor Name: Delta Controls Inc.

Product Name: O₃

Product Model Number: O3-DIN-CPU

Product Version: 4.4.1

BACnet Protocol Revision: 14

Product Description

The O3-DIN-CPU unit with its embedded firmware provides fully programmable capabilities for a Delta Integrated Room Control system. Although hardware features (ports, gateways, I/O) may vary with the configurations, the firmware supports communication on a BACnet network including Ethernet, IP, and MS/TP. All configurations support all the BACnet capabilities indicated unless otherwise noted.

BACnet Standardized Device Profile (Annex L)

| Product Model Name | Product Model Number | BACnet Device Profile |
|--------------------|----------------------|-----------------------------------|
| O3-DIN-CPU | O3-DIN-CPU | BACnet Building Controller (B-BC) |

BACnet Interoperability Building Blocks (Annex K)

03-DIN-CPU supports the following BIBBs:

| | | |
|--------------|-----------|--------------------------------------|
| Data Sharing | DS-RP-A | Data Sharing-ReadProperty-A |
| | DS-RP-B | Data Sharing-ReadProperty-B |
| | DS-RPM-A | Data Sharing-ReadPropertyMultiple-A |
| | DS-RPM-B | Data Sharing-ReadPropertyMultiple-B |
| | DS-WP-A | Data Sharing-WriteProperty-A |
| | DS-WP-B | Data Sharing-WriteProperty-B |
| | DS-WPM-A | Data Sharing-WritePropertyMultiple-A |
| | DS-WPM-B | Data Sharing-WritePropertyMultiple-B |
| | DS-COV-A | Data Sharing-COV-A |
| | DS-COV-B | Data Sharing-COV-B |
| | DS-COVP-A | Data Sharing - COVP-A |
| | DS-COVP-B | Data Sharing - COVP-B |

| | | |
|----------------------------|-----------|---|
| Alarm and Event Management | AE-N-A | Alarm and Event-Notification-A |
| | AE-N-I-B | Alarm and Event-Notification Internal-B |
| | AE-N-E-B | Alarm and Event-Notification External-B |
| | AE-ACK-B | Alarm and Event-ACK-B |
| | AE-ASUM-B | Alarm and Event-Alarm Summary-B |
| | AE-ESUM-B | Alarm and Event-Enrollment Summary-B |
| | AE-INFO-B | Alarm and Event-Information-B |

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

| | | |
|----------|-----------|--|
| Trending | T-VMT-I-B | Trending-Viewing and Modifying Trends-Internal-B |
| | T-VMT-E-B | Trending-Viewing and Modifying Trends-External-B |
| | T-ATR-B | Trending-Automated Trend Retrieval-B |

| | | |
|-------------------------------|--|--|
| Device and Network Management | DM-DDB-A | Device Management-Dynamic Device Binding-A |
| | DM-DDB-B | Device Management-Dynamic Device Binding-B |
| | DM-DOB-A | Device Management-Dynamic Object Binding-A |
| | DM-DOB-B | Device Management-Dynamic Object Binding-B |
| | DM-DCC-B | Device Management-DeviceCommunicationControl-B |
| | DM-PT-A | Device Management-Private Transfer-A |
| | DM-PT-B | Device Management-Private Transfer-B |
| | DM-TS-A | Device Management-TimeSynchronization-A ¹ |
| | DM-TS-B | Device Management-TimeSynchronization-B ² |
| | DM-UTC-A | Device Management-UTC TimeSynchronization-A ¹ |
| | DM-UTC-B | Device Management-UTC TimeSynchronization-B ² |
| | DM-RD-B | Device Management-ReinitializeDevice-B |
| | DM-BR-B | Device Management-Backup and Restore-B |
| | DM-LM-B | Device Management-List Manipulation-B |
| DM-OCD-B | Device Management-Object Creation and Deletion-B | |

¹ Based on the UTC settings in the Device object. When UTC is enabled, both DM-TS-A and DM-UTC-A is supported, otherwise only DM-TS-A is supported.

² Based on the UTC setting in the Device object. When UTC is enabled, DM-UTC-B is supported. When UTC is disabled DM-TS-B is supported. Dates before January 1, 2000 or after December 31, 2099 will be ignored.

Segmentation Capability

- Able to transmit segmented message Window Size is 1
- Able to receive segmented message Window Size is 1

Standard Object Types Supported

- Dynamically creatable using the CreateObject service, except Device object.
- Dynamically deletable using the DeleteObject service, except Device object.

Standard Properties Summary

| Object Type | Property Identifier | Writable | Optional |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Analog Input | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | COV_Increment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Deadband | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Device_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | High_Limit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Limit_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Low_Limit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Max_Pres_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Min_Pres_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Resolution | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Update_Interval | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Out_Of_Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Analog Output | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | COV_Increment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Deadband | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Device_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|--------------|--------------------------------|-------------------------------------|-------------------------------------|
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | High_Limit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Limit_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Low_Limit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Max_Pres_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Min_Pres_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Resolution | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Analog Value | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | COV_Increment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Deadband | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | High_Limit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Limit_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Low_Limit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Max_Pres_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Min_Pres_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Priority_Array | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|--------------|--------------------------------|-------------------------------------|-------------------------------------|
| | Relinquish_Default | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Resolution | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Analog Value | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Units | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Binary Input | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Active_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Alarm_Value | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Change_Of_State_Count | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Change_Of_State_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Device_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Elapsed_Active_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Inactive_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Of_Active_Time_Reset | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Of_State_Count_Reset | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Out_Of_Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Polarity | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Binary Output | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Active_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Change_Of_State_Count | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Change_Of_State_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Device_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Elapsed_Active_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Feedback_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Inactive_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Minimum_Off_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Minimum_On_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Of_Active_Time_Reset | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Of_State_Count_Reset | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Polarity | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Relinquish_Default | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Binary Value | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Active_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Alarm_Value | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Change_Of_State_Count | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Change_Of_State_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Elapsed_Active_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|-----------------|--------------------------------|-------------------------------------|-------------------------------------|
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Inactive_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Minimum_Off_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Minimum_On_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Priority_Array | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Relinquish_Default | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Of_Active_Time_Reset | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Of_State_Count_Reset | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Relinquish_Default | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| BitString Value | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Alarm_Values | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Bit_Mask | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Bit_Text | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_State | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Identifier | <input type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Type | <input type="checkbox"/> | <input type="checkbox"/> |
| | Out_Of_Service | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Priority_Array | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|-------------|---------------------------------|-------------------------------------|-------------------------------------|
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Property_List | <input type="checkbox"/> | <input type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Relinquish_Default | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Status_Flags | <input type="checkbox"/> | <input type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Calendar | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Date_List | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Device | APDU_Segment_Timeout | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Active_COV_Subscriptions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Active_VT_Sessions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Align_Intervals | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Auto_Slave_Discovery | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Backup_And_Restore_State | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Backup_Failure_Timeout | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Backup_Preparation_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Configuration_Files | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Daylight_Savings_Status | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Interval_Offset | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Last_Restart_Reason | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Last_Restore_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Local_Date | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Local_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Location | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Manual_Slave_Address_Binding | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Max_Info_Frames | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Max_Master | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Max_Segments_Accepted | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Restart_Notification_Recipients | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Restore_Completion_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Restore_Preparation_Time | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Serial_Number | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Slave_Address_Binding | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Slave_Proxy_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|-------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | Structured_Object_List | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Of_Device_Restart | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Synchronization_Interval | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Synchronization_Recipients | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | UTC_Offset | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | UTC_Time_Synchronization_Recipients | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | VT_Classes_Supported | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | APDU_Timeout | <input type="checkbox"/> | <input type="checkbox"/> |
| | Align_Intervals | <input type="checkbox"/> | <input type="checkbox"/> |
| Event | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Enrollment | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Fault_Parameters | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Fault_Type | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Acked_Transitions | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Event_Parameters | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Property_Reference | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| File Object | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Record_Count | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Archive | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | File_Access_Method | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | File_Size | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | File_Type | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Loop Object | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Bias | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | COV_Increment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Deadband | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Derivative_Constant | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Derivative_Constant_Units | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Error_Limit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|-------------|--------------------------------|-------------------------------------|-------------------------------------|
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Integral_Constant | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Integral_Constant_Units | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Maximum_Output | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Minimum_Output | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Proportional_Constant | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Proportional_Constant_Units | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Update_Interval | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Action | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Controlled_Variable_Reference | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Out_Of_Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Priority_For_Writing | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Setpoint | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Setpoint_Reference | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Multi-State | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Value | Alarm_Values | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|--------------------|--------------------------------|-------------------------------------|-------------------------------------|
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Fault_Values | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Priority_Array | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Relinquish_Default | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | State_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Out_Of_Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Notification Class | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Ack_Required | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Priority | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Recipient_List | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Program Object | ACKed_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description_Of_Fault | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_State | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Instance_Of | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Program_Location | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reason_For_Halt | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|-------------|------------------------------------|-------------------------------------|-------------------------------------|
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Program_Change | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Schedule | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_State | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Exception_Schedule | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Weekly_Schedule | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Effective_Period | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | List_Of_Object_Property_References | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Out_Of_Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Priority_For_Writing | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Schedule_Default | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Weekly_Schedule | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Trend Log | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Align_Intervals | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | COV_Resubscription_Interval | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Client_COV_Increment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Interval_Offset | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Last_Notify_Record | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|-------------|--------------------------------|-------------------------------------|-------------------------------------|
| | Log_DeviceObjectProperty | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Log_Interval | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Threshold | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Records_Since_Notification | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Start_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Stop_Time | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Trigger | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Enable | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Logging_Type | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Record_Count | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Stop_When_Full | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Multi State | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Input | Alarm_Values | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Device_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Fault_Values | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | State_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Out_Of_Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Multi State | Acked_Transitions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Output | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Device_Type | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Algorithm_Inhibit_Ref | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Detection_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Enable | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Message_Texts_Config | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Event_Time_Stamps | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Feedback_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notification_Class | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Notify_Type | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | State_Text | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Time_Delay_Normal | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Relinquish_Default | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Structured View | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Node_Type | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Node_Subtype | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Subordinate_List | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Subordinate_Annotations | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Character String Value | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Status_Flag | <input type="checkbox"/> | <input type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Out_Of_Service | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Priority_Array | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Relinquish_Default | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Profile_Name | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Lighting Output | Object_Name | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Description | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Object Type | Property Identifier | Writable | Optional |
|-------------|-----------------------------------|-------------------------------------|-------------------------------------|
| | Present_Value | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Priority_Array | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Relinquish_Default | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Reliability | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Reliability_Evaluation_Inhibit | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | COV_Increment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Min_Actual_Value | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Max_Actual_Value | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Feedback_Value | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Blink_Warn_Enable | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Egress_Time | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Egress_Active | <input type="checkbox"/> | <input type="checkbox"/> |
| | Default_Fade_Time | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Default_Ramp_Rate | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Default_Step_Increment | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Power | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Instantaneous_Power | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Lighting_Command_Default_Priority | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Transition | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Lighting_Command | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Profile_Name | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Proprietary Properties Summary

Proprietary properties are supported.

Data Link Layer Options

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7) 10Base2, 10Base5, 10BaseT, Fiber
- MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 76800

Device Address Binding

Is static device binding supported? Yes No

(Necessary for two-way communication with MS/TP slaves and certain other devices.)

Networking Options

- Router between 2 Ethernet networks, 1 BACnet/IP network, and 3 MS/TP networks
- Annex H, BACnet Tunneling
- BACnet/IP Broadcast Management Device (BBMD)
 - Does the BBMD support registrations by Foreign Devices? Yes No

Character Set Supported

- UTF-8

Communication Gateway

Not Applicable