PG-135-103-AB Omron FINS to BACnet IP Protocol Converter

PG-135-103-AB is highly powerful, superior, completely configurable and productive Building & Industrial Automation gateway for integrators to effortlessly interface devices to networks in commercial buildings and industrial plants.

PG-135-103-AB Gateway model supports Omron FINS and BACnet IP protocols. It is a Bi-directional Converter that can be configured as a Client on Omron FINS side and a Server/Client on BACnet IP protocol interface.

When configured as a Omron FINS client, the PG-135-103-AB can read data from your Omron FINS fire panel and publish it as BACnet IP data. Also, it can write commands sent from the BACnet IP side to the Omron FINS fire panel.

When configured as a BACnet IP client, the PG-135-103-AB can read data from your BACnet IP devices and publish it as Omron FINS type data. Also, it can write commands sent from the Omron FINS side to the BACnet IP devices.

The PG-135-103-AB can be configured to behave as a server on BACnet IP interfaces. This mode is useful when data exchange is required between a Omron FINS client (for eg. SCADA) and a BACnet IP client (for eg. a Building Management System).

The PG-135-103-AB can be configured to behave as a client on both Omron FINS and BACnet IP interfaces.

PG-135-103-AB gateways have benefitted system integrators worldwide with its powerful line of gateways. Additionally, PG-135-103-AB gateway runs the same protocol conversion software on a productive and cost efficient platform backed by the experience, engineering expertise and technically proven support that integrators have come to expect from PG-135-103-AB.

Features

- Ability to interface upto 1000 points
- DIN rail mount optional
- DIP switches to select baud rate or node ID on the fly
- Multi-configuration capability
- BACnet COV support for fast data communication while reducing the traffic over a BACnet network

Specifications

Environment	Operating Temperature: -40 to 75° C (-40 to 167°F)	
	Relative Humidity:5-90% RH non-condensing	
Power Requirements	9-30 VDC or 12-24 VAC	
	Current Draw @ 12V about 250Ma	
Physical Dimensions(HxWxD)	4.5x2.9x1.6 in. (11.5x7.4x4.1 cm)	
	0.4 lbs (0.2 Kg)	
Other	Configuration/Diagnostic utilities	
	Capacity: 1000 points	
	Table,Wall or DIN rail mount	
Communication Interfaces	RS-485	1
	RS-485 or RS-232	1
	Ethernet 10Base-T, 100BASE-T[2]	1
	Mbus	-
	KNX	-
	LonWorks	-
Approvals	TUV Approved to UL 916 and CSA C22.2 standards	
	BTL and LonMark certified	
	LonMark Certified	
	RoHS Compliant	
	GOST-R Certified	
	CE and FCC	

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Omron FINS Protocol Driver Description

Connection Facts		
Mode	**Nodes**	**Comments**
Client	126	Omron Limit the set of permitted nodes to 126. They are numbered 1 to 126 corresponding to the last byte of the remote node IP address.
Server	20	The device can emulate a maximum of 20 Omron FINS servers.

Formal Driver Type	Ethernet
	Client or Server

Connection Information	
Connection Type:	Ethernet
Ethernet Speeds Supported:	10Base-T, 100Base-T[1]

PLC Types Supported		
PLC Type	**Vendor**	**Protocol**
CS1/CJ1 Series	Omron	FINS

Devices Tested	
Device	**Tested**
CJ1 Omron PLC	Factory

Connection Notes
Target device may be from CS or CJ series with Ethernet port 10Base-T or 100Base-T capable as appropriate.

Supported FINS Command Set

PLC Type	Memory Type	Command name	Description	Device Data Type	Format
CS1/CJ1 Series	I/O Memory	MEMORY AREA READ	Read the contents of consecutive I/O memory area words.	CIO WR HR AR DM EM	Word
		MEMORY AREA WRITE	Writes the contents of consecutive I/O memory area words.		
	Operating Mode Changes	RUN	Changes the CPU Unit's operating mode to RUN or MONITOR.	-	-
		STOP	Changes the CPU Unit's operating mode to PROGRAM		
	Time Data Access	CLOCK READ	Reads the present year, month, date, minute, second, and day of the week.	-	-
		CLOCK WRITE	Changes the present year, month, date, minute, second, or day of the week.		
	Status Reading	CPU UNIT STATUS READ	Reads CPU status, operating mode, other error messages and any text message.	-	-
		CYCLE TIME READ	Reads the CPU average, maximum and minimum cycle time.	-	-

PLC Status to Execute commands

PLC Type	Memory Type	Command name	Run Mode	Monitor Mode	Program Mode	Access right [2]	UM Read Protection[3]	DIP UM Protection***[4]
CS1/CJ1 Series	I/O Memory	MEMORY AREA READ	OK	OK	OK	OK	OK	OK
		MEMORY AREA WRITE	OK	OK	OK	OK	OK	OK
	Operating Mode Changes	RUN	OK	OK	OK	Disabled	OK	OK
		STOP	OK	OK	OK	Disabled	OK	OK
	Time Data Access	CLOCK READ	OK	OK	OK	OK	OK	OK
		CLOCK WRITE	OK	OK	OK	Disabled	OK	OK
	Status Reading	CPU UNIT STATUS READ	OK	OK	OK	OK	OK	OK
		CYCLE TIME READ	OK	OK	Disabled	OK	OK	OK

Unsupported FINS Commands

Memory Type	Commands	Description
Parameter Area	PARAMETER AREA READ	Read, Write and Clear of Parameters like PLC Setup Area,CPU Bus Unit Setup Area etc
	PARAMETER AREA WRITE	
	PARAMETER AREA FILL (CLEAR)	
Program Area	PROGRAM AREA READ	Read, Write and Clear memory for particular Program in PLC.
	PROGRAM AREA WRITE	
	PROGRAM AREA CLEAR	
Machine Configuration Area	CPU UNIT DATA READ	Reads CPU information (Model, Bus unit configuration etc)
	CONNECTION DATA READ	
Message Display Area	MESSAGE READ/CLEAR	Reads and Clears messages
Access Rights Area	ACCESS RIGHT ACQUIRE	Acquiring and releasing Access right.
	ACCESS RIGHT FORCED ACQUIRE	
	ACCESS RIGHT RELEASE	
Error Log area	ERROR CLEAR	Reads and Clear error messages or error log.
	ERROR LOG READ	
	ERROR LOG POINTER CLEAR	
File Memory Area	FILE NAME READ	File operations
	SINGLE FILE READ	
	SINGLE FILE WRITE	
	FILE MEMORY FORMAT	
	FILE DELETE	
	FILE COPY	
	FILE NAME CHANGE	
	MEMORY AREA–FILE TRANSFER	
	PARAMETER AREA–FILE TRANSFER	
	PROGRAM AREA–FILE TRANSFER	
	CREATE/DELETE DIRECTORY	
Debugging Area	FORCED SET/RESET	Forcefully sets-resets bits
	FORCED SET/RESET CANCEL	

Unsupported Devices or Protocol Options

Device / Option	Details
CV Series	CV series PLC's or Ethernet Units (Cannot poll the Ethernet unit itself).
Socket Services.	This is an Omron protocol option that can be used to transfer data between Omron / other device . The Socket Services protocol is different from the FINS protocol and is not supported.

BACnet IP Protocol Driver Description

Driver Name: BACnet/IP	Connection type:	Internet Protocol (IP)
	Ethernet Speeds Supported:	10Base-T, 100BASE-T[2]
	BBMD SUPPORTED:	Yes(Not supported on client connections)
	Foreign Device:	Not Supported for client
	Registration:	Connections
NOTE: When configured as a BACnet master, there is no physical limit to the number of remote BACnet slave devices is supported. When configured as BACnet slave, there is no physical limit to the number of virtual slave nodes supported. In both cases, the limitation is the point count capacity of the FieldServer.		
PG-135-103-AB AS A BACnet IP CLIENT		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Present Value	Store value in Data Array location after scaling has been applied
	Out_Of_Service	When using a Complex Data Object, the OOS property is fully supported. Return FALSE when not OOS or when using standard Data Arrays
	Units	Returns Units as specified in the Map Descriptor
	Reliability	When using a Complex Data Objects, returns “Unreliable Other” when the Node is offline, or when the data is old. Returns FALSE if the

		Node is online or when using Standard Data Arrays
	Priority_Array	Returns Priority_Array of Map Descriptor
	Unsupported	This property is supported
	Protocol_Object_Type_Supported	This property is supported
	Protocol_Services_Supported	This property is supported
	Database_Revision	This property is supported and will change if a new configuration is downloaded to the FS
	Max_Master	This property is supported for the BACnet /MSTP DLL option
	Max_Info_Frames	This property is supported for the BACnet/MSTP DLL option
	Relinguish_Default	Returns Relinguish _Default
	Mode	This property is supported.
	Tracking_Value	This property is supported.
Read Property Multiple	As for Read Property	Transactions can be defined to read multiple objects and properties in a single ReadPropertyMultiple operation.

	ALL	Read Property Multiple of the ALL property is NOT supported
Write Operations Supported	**Properties Supported**	**Comments and Limitations**
Write Property Write Property Multiple	Present Value	Send value in Data Array location after scaling has been applied
PG-135-103-AB AS A BACnet IP SERVER		
DEVICE OBJECT		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	Returns Object _ID with Node_ID as Object Instance
	Object_Name	Returns Node Name
	Object_Type	Returns Device Object type
	System_Status	Returns Normal
	Vendor_Name	Returns PG-10XX Technologies
	Vendor_Identifier	Returns 37
	Model_Name	Returns PG-10XX model
	Firmware_revision	Returns Kernel Version
	Application_sw_version	Returns DCC version
	Protocol_Version	Returns version 1
	Protocol_Revision	Returns version 1

	Protocol_Services_Supported	This property is supported
	Protocol_Object_Type_Supported	This property is supported
	Protocol_Object_List	Returns a list of objects defined in the PG-10XX
	Max_APDU_Length_Accepted	For PG-10XX,the MAX APDU length for BACnet MSTP is 480 bytes and for BACnet IP/BACnet Eth 1497 bytes
	Segmentation_Supported	Returns Segmantation NOT Supported
	APDU_Timeout	Returns the value as defined by the Node's "Timeout" paramater
	APDU_Retries	Returns the value as defined by the Node's "Retries" parameter
	Device_Address_Bindings	Returns an empty list
	Max_Master	This property is supported for the BACnet/MSTP DLL option
	Max_info_Frames	This property is supported for the BACnet/MSTP DLL option
	Description	This property is supported
	Database_Revision	This property is supported and will change if a new configuration is downloaded to the PG-10XX

Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	**Properties Supported**	**Comments and Limitation**
Write Property	Max_Master	This Property is supported for the BACnet /MSTP DLL option
	Max_info_Frames	This Property is supported for the BACnet /MSTP DLL option
Write Property Multiple	Max_Master	This Property is supported for the BACnet /MSTP DLL option
	Max_info_Frames	This Property is supported for the BACnet /MSTP DLL option
Analog Input Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	No Limitations
	Object_Name	Returns Map Descriptor Name
	Object_Type	Returns Analog Input Object Type
	Present_Value	Returns value in Data_Array after scaling has been

		applied
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits.
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns Unreliable Other when the Node is offline, or when the data is old. Returns FALSE if the node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using a Complex data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Description	This property is supported
	Units	Returns Units as specified in the Map Descriptor
Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with Multiple properties can be specified

Write Operations Supported	Properties Supported	Comments and Limitations
Write Property	Present_Value	Writing to the Present Value is allowed if the Object is OOS
Write Property Multiple		
Data Sharing Operations Supported	**Properties Supported**	**Comments and Limitations**
SubscribeCOV	Present_value	Subscription storage is non-volatile
COVNotification	Present_value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	**Properties Supported**	**Comments and Limitations**
EventNotification	Present_Value,Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No limitations
Analog Output Object, Analog Value Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	No Limitations
	Object_Name	Returns “Map Descriptor Name”
	Object_Type	Returns Analog Output Object type
	Present_Value	Returns value in Data Array after scaling has been applied
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in

		section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns “Unreliable Other” when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using a Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Units	Returns Units as specified in the Map Descriptor
	Priority_Array	Returns Priority_Array of Map Descriptor
	Description	This property is supported
	Relinguish_Default	Returns Religuish _Default
Read Property Multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with multiple properties can be specified

Write Operations Supported	Properties Supported	Comments and Limitations
Write Property Write Property Multiple	Present_Value	When using Complex Data Objects and OOS is TRUE, then the write will not cause a write-through operation to the Server side. If the OOS is FALSE or when using standard Data Arrays then writes will always cause a write-through operation to the Server side
Data Sharing Operations Supported	**Properties Supported**	**Comments and Limitations**
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	**Properties Supported**	**Comments and Limitations**
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Binary Input Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	No Limitations
	Object_Name	Returns “Map Descriptor Name”

	Object_Type	Returns Analog Input Object type
	Present_Value	Returns the binary value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns “Unreliable Other” when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Polarity	Always returns “Normal”
	Active_Text	Returns Active Text as specified on the Map Descriptor
	Description	This property is supported
	Inactive_Text	Returns Inactive Text as specified on the

		Map Descriptor
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	**Properties Supported**	**Comments and Limitations**
Write Property Write Property Multiple	Present_Value	Writing to the Present Value is allowed if the Object is OOS
Data Sharing Operations Supported	**Properties Supported**	**Comments and Limitations**
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	**Properties Supported**	**Comments and Limitations**
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Binary Output Object, Binary Value Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**

Read Property	Object_Identifier	No Limitations
	Object_Name	Returns “Map Descriptor Name”
	Object_Type	Returns Analog Input Object type
	Present_Value	Returns the binary value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns “Unreliable Other” when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Priority_Array	Returns Priority_Array of Map Descriptor
	Religuish_Default	Returns Current Relinguish_Default
	Description	This property is

		supported
	Active_Text	Returns Active Text as specified on the Map Descriptor
	Inactive_Text	Returns Inactive Text as specified on the Map Descriptor
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	**Properties Supported**	**Comments and Limitations**
Write Property	Present_Value	When using Complex Data Objects and OOS is TRUE, then the write will not cause a write-through operation to the downstream side. If the OOS is FALSE or when using standard Data Arrays when writes will always cause a write-through operation to the downstream side
Write Property Multiple		
Data Sharing Operations Supported	**Properties Supported**	**Comments and Limitations**
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed

Alarm and Event Operations Supported	**Properties Supported**	**Comments and Limitations**
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Multiple State Input Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	No Limitations
	Object_Name	Returns “Map Descriptor Name”
	Object_Type	Returns Analog Input Object type
	Present_Value	Returns unsigned Integer value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns “Unreliable Other” when the Node is offline, or when the data is old. Returns FALSE if the Node is online or

		when using Standard Data Arrays
	Description	This property is supported
	Out_Of_Service	When using a Complex Data Object, the OOS property is fully supported. Returns FALSE when not OOS or when using standard Data Arrays
	Number_Of_State	When using a Complex Data Object, returns the number of states defined. When using Standard Data Arrays returns the value of 5
	State_Text	When using Complex Data Objects returns the State Text Strings defined. When using Standard Data Arrays return “State_X” where “X” is the value stored in Data_Array and could be 0 to 4
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	**Properties Supported**	**Comments and Limitations**
Write Property	Present_Value	Writing to the Present

Write Property Multiple		Value is allowed if the Object is OOS
Data Sharing Operations Supported	**Properties Supported**	**Comments and Limitations**
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	**Properties Supported**	**Comments and Limitations**
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Multi-State Output Object, Multi-State Value Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	No Limitations
	Object_Name	Returns “Map Descriptor Name”
	Object_Type	Returns Analog Input Object type
	Present_Value	Returns unsigned Integer value in the data array
	Status_Flags	When using Complex Data Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in section 12.2.7 of the BACnet specification. When using standard Data Arrays returns

		FALSE for all bits
	Event_State	No Limitations
	Reliability	When using a Complex Data Objects, returns “Unreliable Other” when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays
	Out_Of_Service	Fully supported when using a Complex Data Object. Returns FALSE when not OOS or when using standard Data Arrays
	Number_Of_State	When using a Complex Data Object, returns the number of states defined. When using Standard Data Arrays returns the value of 5
	State_Text	When using Complex Data Objects returns the State Text Strings defined. When using Standard Data Arrays return “State_X” where “X” is the value stored in Data_Array and could be 0 to 4
	Description	This property is supported
	Priority_Array	Returns Priority_Array of Map Descriptor
	Religuish_Default	Returns Relinguish_Default

Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	**Properties Supported**	**Comments and Limitations**
Write Property	Present_Value	When using Complex Data Objects and OOS is FALSE or when using standard data arrays, writes will trigger a write through operation to client side
Write Property Multiple		
Data Sharing Operations Supported	**Properties Supported**	**Comments and Limitations**
SubscribeCOV	Present_Value	Subscription storage is non-volatile
COVNotification	Present_Value	Confirmed and Unconfirmed
Alarm and Event Operations Supported	**Properties Supported**	**Comments and Limitations**
Event Notification	Present_Value, Status	Confirmed and Unconfirmed
AcknowledgeAlarm		No Limitations
Notification Class Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	No Limitations

	Object_Name	Returns “Map Descriptor Name”
	Object_Type	Returns Notification Class Object type
	Description	No Limitations
	Notification_Class	No Limitations
	Priority	No Limitations
	Ack_Required	No Limitations
	Description	This Property is supported
	Recipient List	No Limitations
Read Property Multiple	Same properties as Read Property	Read property Multiple is fully supported. Multiple objects with multiple properties can be specified
Write Operations Supported	**Properties Supported**	**Comments and Limitations**
Write Property	Recipient_List	RecipientList storage is non-volatile
Write Property Multiple		
AddList	RecipientList	Used to subscribe to Alarm and Event Notifications
Life Safety Point Object		
Read Operations Supported	**Properties Supported**	**Comments and Limitations**
Read Property	Object_Identifier	No limitations.
	Object_Name	Returns "Map Descriptor Name".
	Object_Type	Returns Analog Input Object type.
	Present_Value	Returns unsigned integer value in the Data Array.
	Status_Flags	When using Complex Data

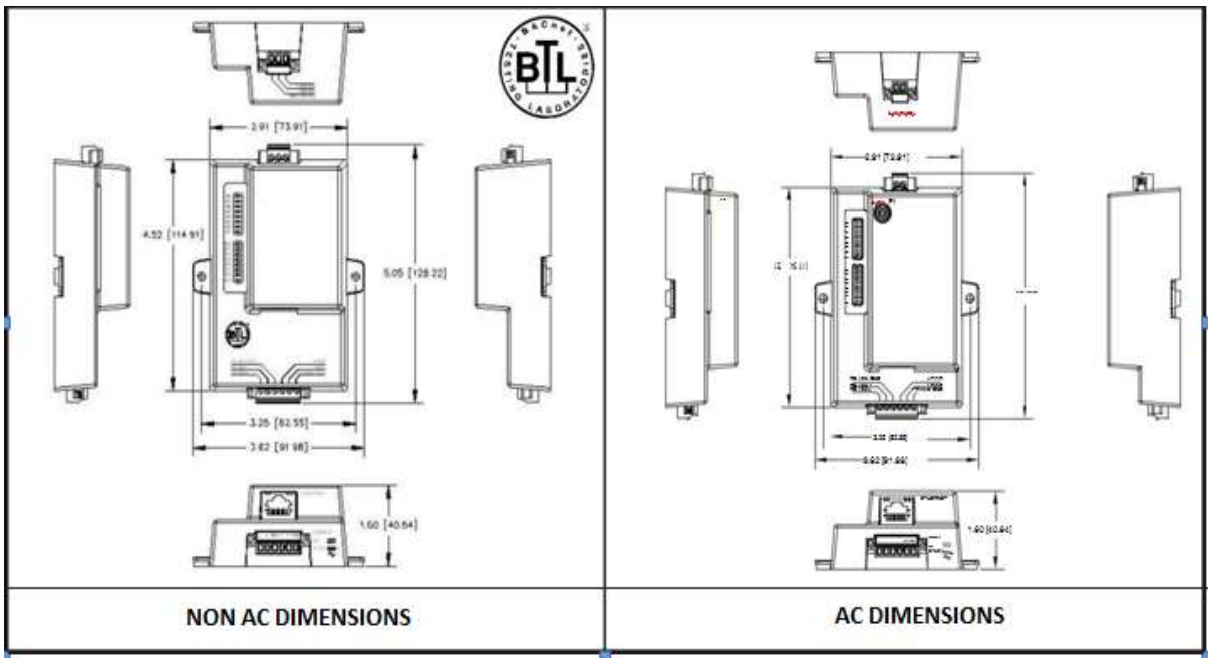
		Objects returns the FAULT and OUT_OF_SERVICE fields as indicated in the Reference Section of the BACnet specification. When using standard Data Arrays returns FALSE for all bits.
	Event_State	No limitations.
	Reliability	When using a Complex Data Objects, returns “Unreliable Other” when the Node is offline, or when the data is old. Returns FALSE if the Node is online or when using Standard Data Arrays.
	Description	This property is supported.
	Out_Of_Service	When using a Complex Data Object, the OOS property is fully supported. Return FALSE when not OOS or when using standard Data Arrays.
	Mode	Operating Mode. Only 'ON' mode is supported.
	Accepted_Modes	List of Operating Modes
	Silenced	Represents silenced state, but only "All Silenced" supported.
	Operation_Expected	List of LifeSafety Operations, only 'None' operation is supported.
	Property_List	Returns the list of supported properties.
Read Property multiple	Same properties as Read Property	Read Property Multiple is fully supported. Multiple objects with multiple properties can be specified.
Write Operations Supported	**Properties Supported**	**Comments and Limitations**
Write Property	Object_Name	Sets Object_Name.
	Present_Value	Writing to the Present Value is allowed if the Object is OOS.
	Mode	Operating Mode. Only 'ON' mode is supported.
	Operation_Expected	List of LifeSafety Operations, only 'None' operation is supported.
Write Property Multiple	Present_Value	Writing to the Present Value is allowed if the Object is OOS.

Data Sharing Operations Supported	Properties Supported	Comments and Limitations
SubscribeCOV	Present_Value	Subscription storage is non-volatile.
COVNotification	Present_Value	Confirmed and Unconfirmed.
Alarm and Event Operations Supported	**Properties Supported**	**Comments and Limitations**
EventNotification	Present_Value, Status	Confirmed and Unconfirmed.
AcknowledgeAlarm	No Limitations.	

Unsupported Functions and Data Types
BACnet Object Type not Supported
Averaging Object
Calendar Object
Command Object
Event Enrollment Object
File Object
Group Object
Life Safety Zone Object
Loop Object
Notification Class Object unsupported on Client side only
Program Object
Schedule Object
BACnet Services not Supported
Alarm and Event Services unsupported on Client side only
File Access Services
Virtual Terminal Services
COV and EventNotification services are not supported for BACnet

MSTP on the ProtoCessor
For BACnet MSTP , PTP and Arcnet , COV services are disabled by default and may be enabled by setting the Node_Option property to COV_Enable in the Nodes section configuration file.

Dimensions:



NON AC DIMENSIONS	AC DIMENSIONS