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SAN TELEQUIP
Connecting. Converting. Leading!

BMS Automation Protocol Converter, Model BMS 05 Series

BMS Series of Converters are Building and Industrial Automation multi-protocol device server for OEMs wanting to provide protocol translation between Serial-Serial, Serial-Ethernet and Ethernet-Ethernet devices using LonWorks®, BACnet, Metasys N2, Modbus and more.

The Converter includes all the hardware and software to enable the customer's products to interface to various networks. Each BACnet Converter is provided with the necessary protocol drivers. Multiple drivers can be installed in a single Converter. We can provide custom driver support when needed.

Features/Benefits

- Use Field Server BTL approved Modules
- The most flexible and versatile multi-protocol Device Server on the market.
- Supports virtual nodes allowing multiple OEM controllers to connect to a single converter and seen as separate controllers on the various field networks.
- TRUE protocol translation and not Protocol packet Encapsulation.
- Multi-Client and Multi-Server support ensures interoperability between any Industrial and or Building Automation protocols.
- Flash upgradeable.
- It is capable of reading data from the various slaves and writing data to them if required.
- Configuration of the GW BMS 05 is done using a '.csv' file.
- Support HTTPS and DHCP Client
- BACnet data types supported : AI, AV, AO, BI, BV, BO, MI, MV, MO, LSP, Device

Specifications

Ethernet   : 1 Port, 10/100 Ethernet port
Connector   : RJ45

Indications   : LED's for Tx, Rx, Power

Power

Power Requirements : 24V DC / 24V AC. Range 18 to 72V DC. 100mA @ 24V DC
                                : Range ± 10% for 24V AC
Connector   : 2 Pin Screw type

Environmental

Operating Temp.   : -40°C to 85°C
Relative Humidity   : 5-90% RH, non-condensing

Enclosure

Dimensions   : 9.7 x 8.1 x 4.2 cm. (LxWxH)
Mounting   : DIN Rail

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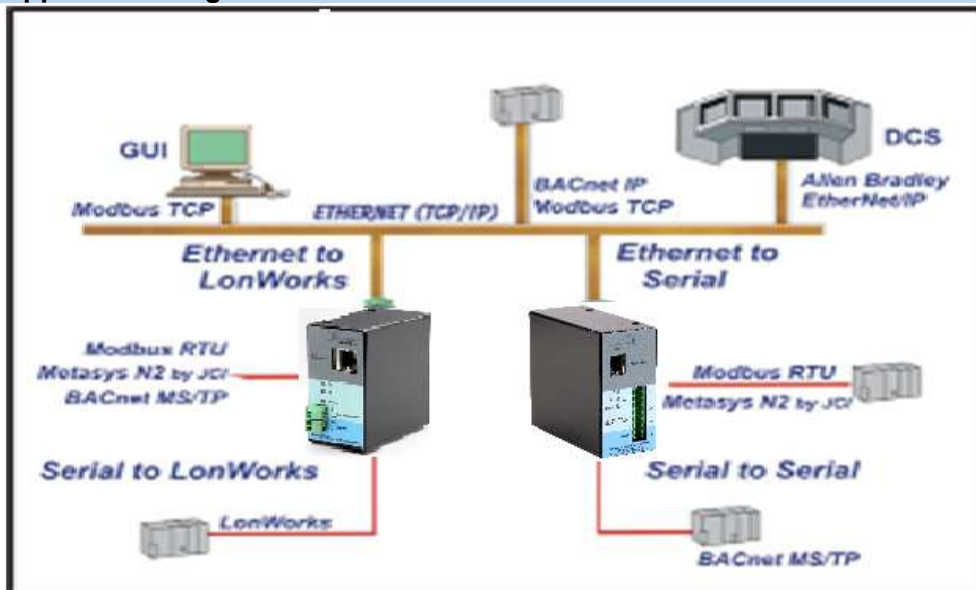Phone : +91-20-27293455, 9764027070, 8390069393
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Supported protocols

BACnet IP   BACnet MSTP
Modbus TCP/IP   Modbus RTU
OPC, SNMP
EthernetIP

Notes

- 1200 points can be supported as default
- Options are available for 2500, 5000 and 10000 points

Application Diagram

Ordering Information

MODEL NO	PROTOCOLS	
GW BMS 05-A	BACnet IP	Modbus TCP
GW BMS 05-B	SNMP	BACnet IP / Modbus TCP
GW BMS 05-C	SNMP	Modbus RTU / BACnet MSTP
GW BMS 05-D	EthernetIP	Modbus RTU / Modbus TCP / BACnet IP