



BACNET - MODBUS - SNMP GATEWAYS BABEL BUSTER SERIES



DESCRIPTION

Control Solutions BB2 Babel Buster Series gateways are devices that re-map network devices having different protocols. Variety of model options provide support for building automation with BACnet IP or MS/TP, LonWorks, Modbus RTU, TCP and selected wireless protocols such as ZigBee and WiFi. The device can create master/slave operation or support multiple data input sorts from other connected devices.

FEATURES

- Easy to use and cost effective
- Models support all major building automation protocols
- SNMP to Modbus and Modbus to SNMP translation
- Modbus to BACnet and BACnet to Modbus translation



BB2-3010

BB2-6010



SPECIFICATIONS	
Supply Voltage	10-30 VDC @ 100 mA or 12-24 VAC @ 3.6 VA, 50/60 Hz
Communication Ports	
BB2-3010	2 RS-485 ports
BB2-6010/7010/7030	1 RS-485 and 1 RJ-45 port
Baud Rate	MS/TP baud rates: 9600, 19200, 38400, 76800;
Modbus RTU baud rates	4800, 9600, 19200, 38400
Signal LEDs	
BB2-3010/7030	4; device data/status, BUS data/status
BB2-6010/7010	2; device data/status
Operating Temperature	-40° to 185°F (-40° to 85°C)
Operating Humidity	5-95% RH non-condensing
Mounting	DIN rail
Dimensions	3.94"H x 2.76"W x 2.36"D (100 x 70 x 60 mm)
Weight	2 lbs (0.91 Kg)
Approvals	
BB2-3010	FCC, CE, UL File #E312255, BTL Listed
BB2-6010/7010/7030	FCC Class A, CE
Warranty	1 year

BABEL BUSTER GATEWAYS SUPPORTED PROTOCOLS

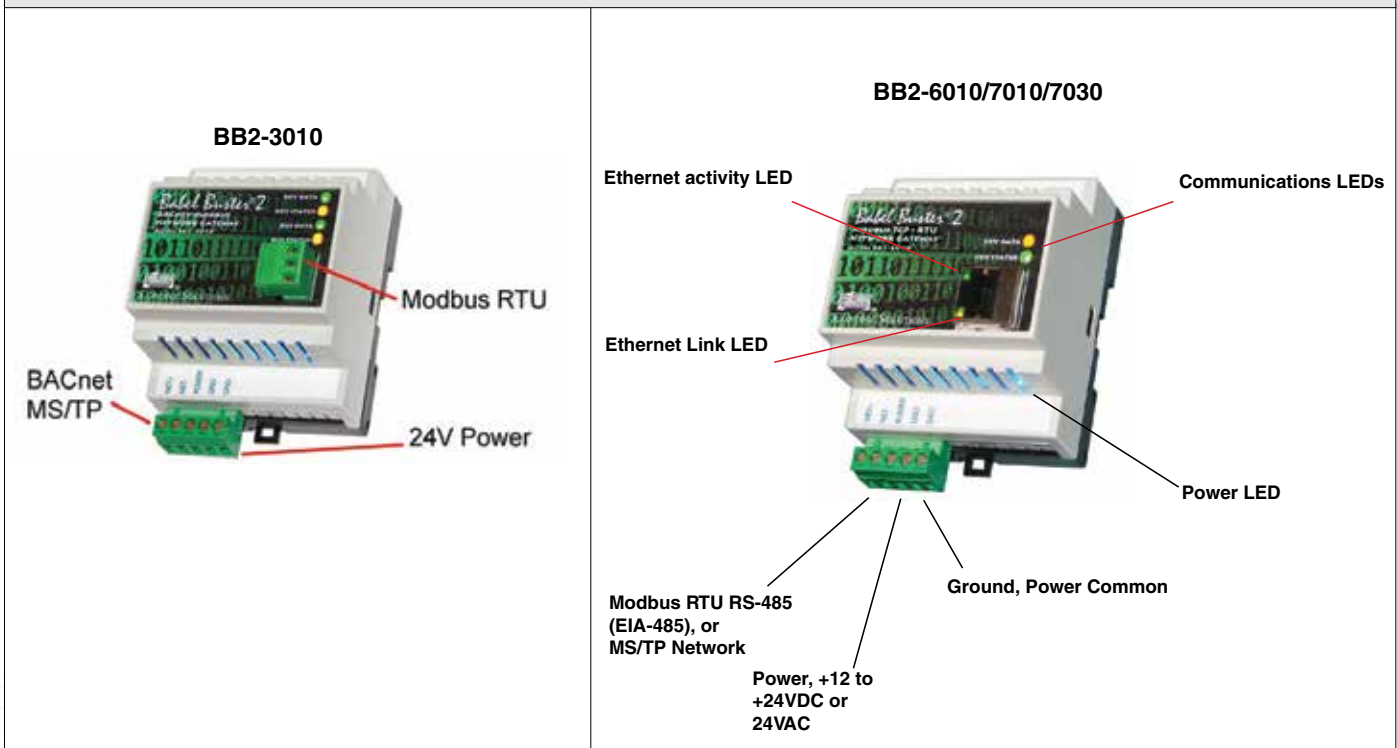
Gateways	Web Server	BACnet MS/TP Server & Client	BACnet IP Server & Client	Modbus RTU Master & Slave	Modbus TPC Server & Client	SNMP Server & Client	HTTP Client
BB2-3010		Yes		Yes			
BB2-6010	Yes			Yes	Yes	Yes	
BB2-7010-01	Yes		Yes	Yes	Yes		
BB2-7010-02	Yes		Yes	Yes	Yes	Yes	
BB2-7030-01	Yes	Yes	Yes		Yes		
BB2-7030-02	Yes	Yes	Yes			Yes	
BB2-7030-03	Yes	Yes	Yes				Yes



NETWORK

BACNET - LONWORKS - MODBUS - SNMP - WIRELESS GATEWAYS
BABEL BUSTER SERIES

WIRING



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NETWORK

ORDERING INFORMATION

MODEL	DESCRIPTION
BB2-3010	Modbus RTU to BACnet MS/TP
BB2-6010	Modbus to SNMP and Modbus to Modbus
BB2-7010-01	Modbus to BACnet IP
BB2-7010-02	Modbus to BACnet IP to SNMP
BB2-7030-01	BACnet Gateway and Router with Modbus TCP
BB2-7030-02	BACnet Gateway and Router with SNMP
BB2-7030-03	BACnet Gateway and Router with HTTP Client

	ACCESSORIES
0SUP12INT	12VDC International power supply
0SUP24VP	24VDC Power Supply
MTX002	USB to MS/TP Port Adapter