



NXL-BMS

BACnet Protocol Conversion Panel

Overview

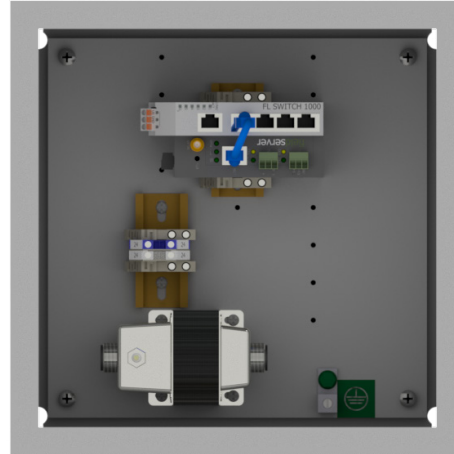
The NexLight NXL-BMS accessory panel provides protocol conversion from the NexLight Lighting System Modbus TCP/IP to BACnet for integration into a Building Management System. Third-party BACnet systems can then connect to the NXL-BMS panel via Ethernet or RTU (RS485). This panel includes a surface mount NEMA Type 1 Enclosure with a hinged cover secured by a robust locking mechanism that includes (2) keys.

Physical Specification

NEMA Type:	Type 1
Mounting:	Surface Mount
Operating Temperature:	14 °F to 113 °F (-10 °C to 45 °C)
Dimensions:	12.00" H x 12.00" W x 6.00" D (305 mm x 305 mm x 152 mm)
Weight:	TBD

FieldServer ProtoAir

Voltage:	12 VDC to 24 VDC / 24 VAC
Power:	3 W @ 12 VDC
Serial Terminal:	(x1) RS485 / RS232 (x1) RS485
Serial Baud Rate:	9600, 19200, 38400, 57600, 76800, 115000
Ethernet:	(x1) 10/100, MDIX, DHCP
Wi-Fi Frequency:	2.5 GHz
Wi-Fi Encryption:	TKIP, WPA2, AES



Features

- » Simple BMS integration for systems utilizing BACnet protocol
- » Allows a third-party BMS to override any point on the NexLight Lighting System including relays, dimming levels, Groups, and Scenes

Electrical (Line Voltage)

Voltage:	120/240/277/480 VAC, Multi-Tap Primary
VA Rating:	50 VA

Electrical (Low Voltage)

Voltage:	24 VAC, Class II
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Ethernet Switch, Unmanaged

Voltage:	9 VDC to 32 VDC / 24 VAC
Power:	1 W @ 24 VDC
Ethernet:	(x5) 10/100

Included Components

Qty:	P/N:	Description
1	SMC-BC	FieldServer ProtoAir BACnet Converter
1	FLSW-1005N	Ethernet Switch, Unmanaged
1	TR-5024	Stepdown Transformer
1	TB-1-2	Terminal Block Assembly
1	PA-120-1	Panel Assembly

