

# enteliBUS®

## I/O Modules: eBM-800

### Description

The eBM-800 I/O module has 8 universal inputs. Auto detecting and hot swappable I/O modules are selected to create the exact I/O combination needed for a given application. When there is a need for the system to expand in the future, I/O expansion is easy to add using these modules.



### Features

- ▶ 8 universal inputs (jumper configurable)
- ▶ 0-100% LED status indication of each input state
- ▶ Small footprint, DIN rail mountable
- ▶ Modular design provides flexibility, ease of service, and reduced cost for future upgrades and expansions.

### Application

The enteliBUS Control System is a fully programmable native BACnet® control platform. It is scalable and therefore cost-effective over a wide range of applications, from low-density distributed control to high-density centralized I/O applications.

Used together with an eBMGR or eBCON automation engine, the combination of different enteliBUS I/O modules is designed to support all typical input and output needs. This allows the controller I/O mix to be easily and efficiently tailored to fit any application.

### Specifications

#### Inputs

8 Universal Inputs (12-bit), jumper configurable for:  
0-5 VDC  
0-10 VDC  
10 kΩ Thermistor  
Dry Contact (using 10 kΩ Thermistor jumper setting)  
4-20 mA

#### Mounting

Snap mount to enteliBUS backplane and DIN rail assembly

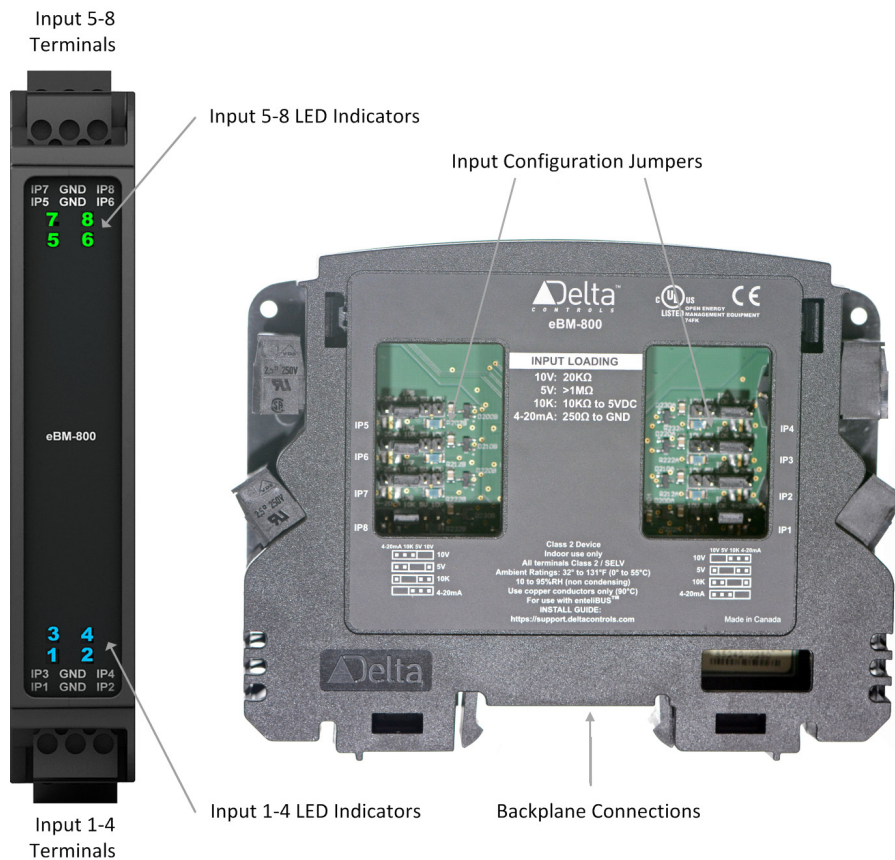
#### Connectors

3-pin removable screw-type terminal connectors

#### Wiring Class

Class 2 / SELV

## eBM-800: Board Layout



### Specifications (Continued)

#### Power

24 VAC/DC 50/60 Hz @ 5 VA\*

\*I/O module power is supplied from an eBX or eBCON through the backplane

#### Ambient

32° to 131°F (0° to 55°C)

10 to 95% RH (non-condensing)

#### Dimensions

5.0 x 0.9 x 4.0 in. (12.6 x 2.3 x 10 cm)

#### Weight

0.256 lb (116 g)

#### Enclosure Protection Rating

IP30

#### Compliance

CE

FCC

#### Listings

UL 916 Listed

UL 864 Listed for UL 864 product numbers

### Ordering

Order the eBM-800 according to the following product number:

eBM-800	enteliBUS I/O module with 8 universal inputs
eBM-800-UL864-340	enteliBUS I/O module with 8 universal inputs, UL864 Listed

### Accessories

See the enteliBUS parts list for a complete list of all available enteliBUS modules and accessories.

eBX-04	enteliBUS expander — I/O expander with 4-slot expander backplane*
eBX-08	enteliBUS expander — I/O expander with 8-slot expander backplane*
eBCON	enteliBUS controller with 4-slot controller backplane*
eBMGR	enteliBUS Manager — CPU / Comm. module*
eBMGR-TCH	enteliBUS Manager — CPU / Comm. module with touchscreen LCD

\* UL 864 versions available

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Subject to change without notice.