PulseWorx Lighting Integration to ELK M1 Systems is now effortless!

Connect directly to the ELK Bus

Decorate your home with light.

Create dramatic lighting scenes.

The PIM-E is a special Powerline Interface Module containing an ELK Products built-in M1XSP Serial Port chip. This all-in-one device makes it effortless to enable the ELK M1 to communicate with a UPB network, via the M1 data bus without a lot of complex ugly cabling Just connect a cable from the M1 data bus to the four (4) terminals on the PIM-E and perform an M1 data bus enrollment and you are good to go.

The long distance capability of the M1 data bus makes it possible to locate the PIM-E virtually anywhere. An optional ELK-M1DBH Data Bus Hub may be used to connect any data bus devices using Cat5/6 cables. Once installed and configured your PIM-E will operate without further user intervention. All programmed data is protected by non-volatile memory and can only be changed or deleted by reprogramming, regardless of power outage durations.

PulseWorx is powered by UPB, which is designed to work utilizing the AC wiring within the electrical framework of your existing home, *no new wiring.* or radio frequency signals, keeping the cost of installation to a minimum. Simply replace existing light switches with PulseWorx dimmer switches, add keypad controllers for ease-of-use.

Lighting control will add value and peace of mind and is surprisingly affordable!

Discover how easy your ELK M1 can integrate to lighting control!

Made in USA

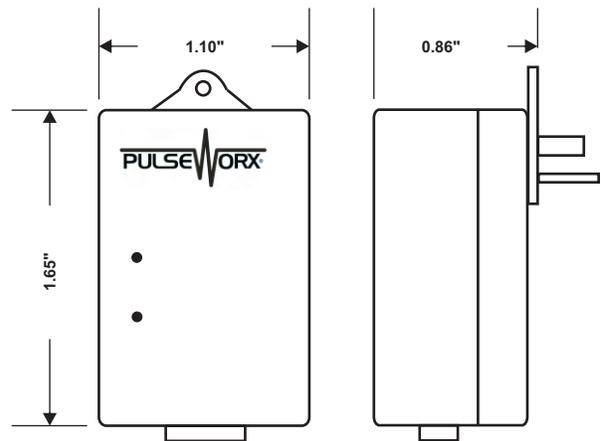**pcs** Powerline Control Systems

Ordering Information

- **Part Number**
  PIM-E - Powerline Interface - ELK M1 Bus

- **Mounting**
  Plugs into standard electrical receptacle.
  Do not plug into filtered power strip or
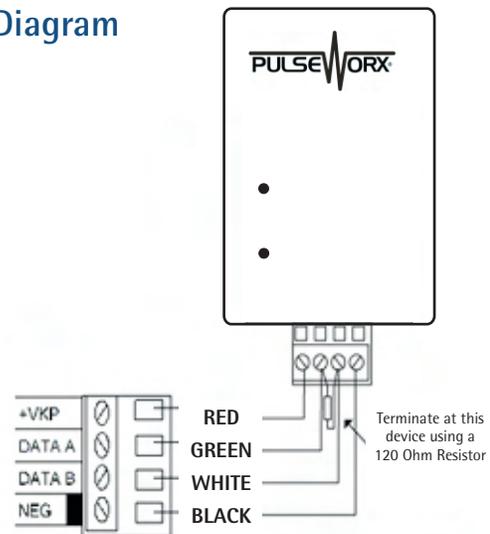 uninterruptible power supply (UPS).

Specifications

Input	120/VAC 60 Hz .05A
Connections	Up to 16 AWG Wire
Mounting	3-Prong Plug with Ground
Dimensions	1.65 x 1.1 x .86 in
Operating Temp	0 F to 104 F
UPC Code	811976012757
Warranty	5 Years
UL/ETL Listing	ETL3155824
	Conforms to UL Standard 60950-1
	CAN/CSA Standard C22.2 No. 60950-

Dimensions

1.10"   0.86"
1.65"

Wiring Diagram

+VKP
DATA A
DATA B
NEG

RED
GREEN
WHITE
BLACK

Terminate at this device using a 120 Ohm Resistor

RS-485 Data Bus (Max. length is 4000ft. Max bus devices vary by control)

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UPB®
UNIVERSAL POWERLINE BUS