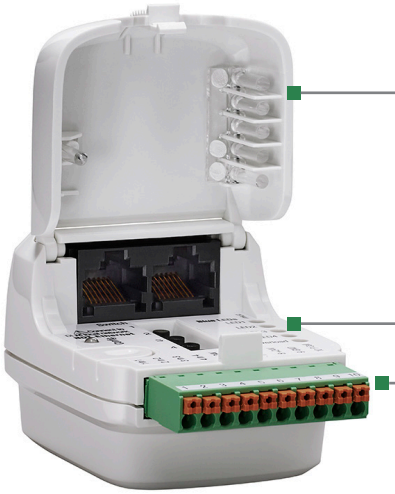
INPUT INTERFACE

LMIN-104

- Input interface for integration of third party devices
- Component of Digital Lighting Management integrated control systems
- Fits into standard single gang wallbox; optional DIN rail mounting



RoHS

Description

The LMIN-104 Input/Output Interface allows seamless integration with third party devices to provide additional functionality in a Digital Lighting Management (DLM) system.

Operation

The LMIN-104 operates on power from the DLM local network. It is completely programmable via the LMCT handheld remote and/or LMCS software, and does not require adjustment of dip switches to program. The LMIN-104 also includes a 24VDC output and four input terminals for maintained or momentary switch closure inputs, or third party logic inputs. Input signals may come from a wide variety of devices including building automation systems, time clocks and key switches, for purposes including hold-on/hold-off, load shedding and cleaning.

Default and Personalized Operation

The LMIN-104's 4 inputs are unassigned to loads when initially connected to the system; its inputs can be assigned to loads for On/Off control via standard PnL steps. Once accessed via the LMCT or the LMCS, the LMIN-104's inputs can be configured to provide unique scenarios such as Shed, Clean, Switch Enable and others.

The LMIN-104 can also be programmed to be a replacement for any one of the following: LMIO-102 Partition Interface, LMIO-201 Analog Occupancy Sensor Interface, or LMIO-301 Exterior Photocell Interface, although this will prevent it from being able to accept simple 2-wire or 3-wire inputs.

Applications

The LMIN-104 is ideal for applications where integration of third party devices with lighting control is desired. The multiple inputs permit control of any load on a DLM local network by other equipment, systems and devices. Applications include private and open offices, conference rooms, classrooms, training centers, lunch rooms and break rooms.

Features

- Push n' Learn™ functionality for personalizing system settings to accommodate application needs
- Self-contained switching power supply and relay system
- Five status LEDs and configuration LED
- Hold-on/hold-off, occupancy sensor, time clock, load shed, cleaning switch and key switch modes available
- Over-current protection
- UL 2043 plenum rated
- The product meets the materials restrictions of RoHS
- BAA/TAA-compliant models available

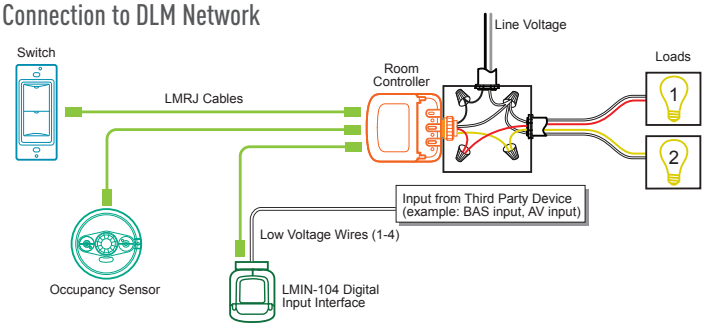
PROJECT		LOCATION/ TYPE	

Specifications

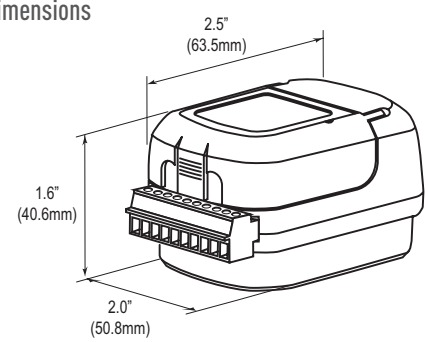
- Input/output voltage: 24VDC from DLM network
- Maximum current consumption: 20mA
- DLM local network connection: 2 RJ45 ports
- Removable terminal block for connections third party inputs
- Input ratings:
  - Input max. sink/source current: 1- 5 mA
  - Logic input signal voltage High: >18 VDC
  - Logic input signal voltage Low: < 2 VDC
- Operating conditions; for indoor use only; 32-131°F (0-55°C)
- Fits inside 4" x 4" j-box, 1 gang back box or 3" octagonal box; optional DIN rail mounting
- UL and cUL listed (E101196)
- Five year warranty

Wiring & Connection

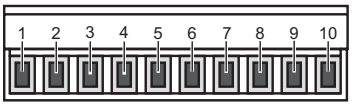
Connection to DLM Network



Dimensions



Wiring to 10-Position Terminal Block

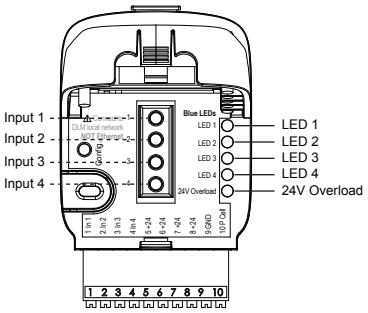


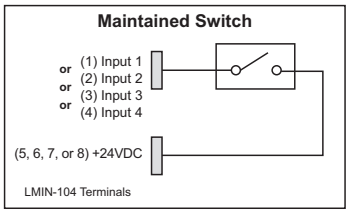
Position (L - R)	Description
1	Input 1
2	Input 2
3	Input 3
4	Input 4
5	+24 VDC
6	+24 VDC
7	+24 VDC
8	+24 VDC
9	Ground
10	Photocell In

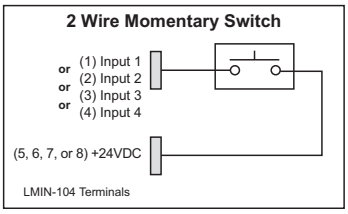
LED Indicators

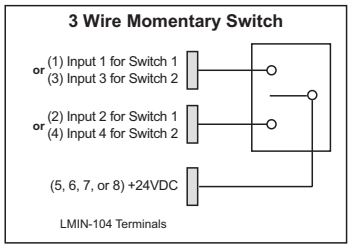
Ch 1 through Ch 4 Status:
Associated with Inputs 1-4, LEDs track load status. They also show bindings in PnL.

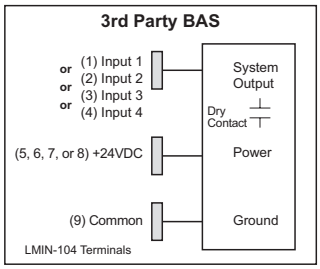
24V Overload: Indicates 24VDC current overload.

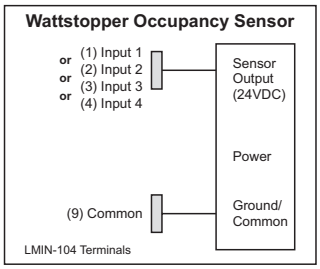


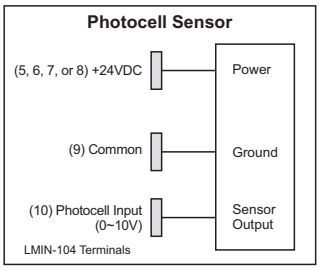












Ordering Information

Catalog #	Description
☐ LMIN-104	Input Interface

*Product is compliant with Buy American Act and Trade Agreement Act