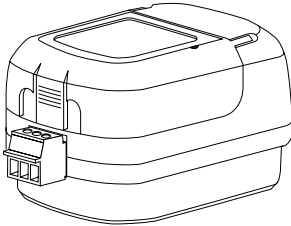


Catalog Number • Numéro de Catalogue • Número de Catálogo: LMRL-100

Country of Origin: Made in China • Pays d'origine: Fabriqué en Chine • País de origen: Hecho en China



This unit is pre-set for Plug n' Go™ operation, adjustment is optional.

For full operational details, adjustment and more features of the product, see the DLM System Guide available at www.legrand.us/Wattstopper.

Installation shall be in accordance with all applicable regulations, local and NEC codes. Wire connections shall be rated suitable for the wire size (lead and building wiring) employed. For Class 2 DLM devices and device wiring: To be connected to a Class 2 power source only. Do not reclassify and install as Class 1, or Power and Lighting Wiring.

SPECIFICATIONS

Voltage	24VDC
Current Consumption	7mA
Power Supply	Wattstopper Room Controller
Connection to the DLM Local Network.....	2 RJ-45 ports
DLM Local Network characteristics:	
Low voltage power provided over Cat 5e cable (LMRJ).	
Max current: 800mA. Max total cable: 1000' Cable added per device: 150'.	
Max loads: 64. Max communicating devices: 24 if all power supplies are 10X-Series, 48 otherwise. Max 10X-Series power supplies: 5.	
Isolated relay ratings	1A 24VDC/VAC, SPDT normally open (N/O), normally closed (N/C) and common outputs
Environment	For Indoor Use Only
Operating Temperature	32° to 104°F (0° to 40°C)
Storage Temperature	23° to 176°F (-5° to 80°C)
Relative Humidity	5 to 95% (non condensing)
Other:	
RoHS compliant	
UL2043 Plenum rated	

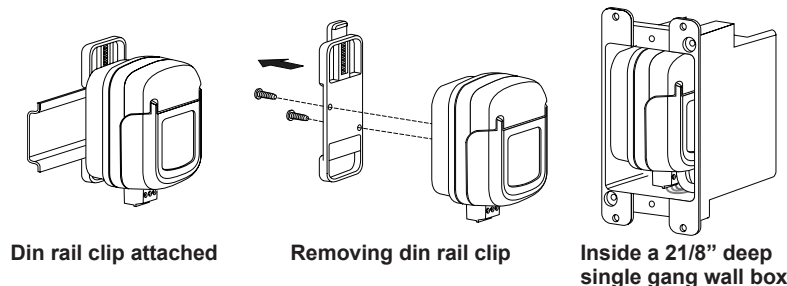
DESCRIPTION

The LMRL-100 Isolated Relay Interface is an optional module for the Wattstopper Digital Lighting Management system (DLM) that allows integration of third-party devices. The LMRL-100 connects to the DLM local network and activates its isolated relay upon any occupancy signal. Connecting a third-party's device to the LMRL-100 relay output allows the third-party device to observe when occupancy is detected.

MOUNTING AND WIRING

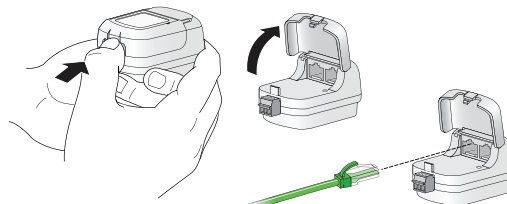
Installation shall be in accordance with all applicable regulations, wiring practices, and codes.

To be connected to a Class 2 power source only. • Class 2 Device Wiring Only – Do Not Reclassify and Install as Class 1, 3 or Power and Lighting Wiring. • Wire connections shall be rated suitable for the wire size (lead and building wiring) employed.



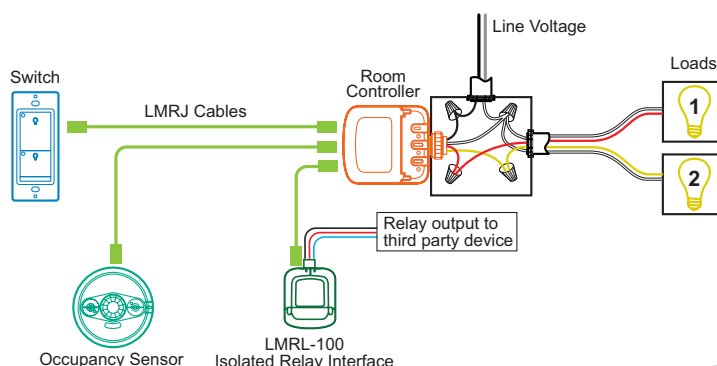
The LMRL-100 is UL2043 Plenum rated. All connections to the LMRL-100 are Class 2 low voltage. If code requires that the LMRL-100 be mounted in an enclosure, it can be mounted inside a 4" x 4" junction box, inside a 2 1/8" deep (or deeper) 1-gang wall box, in a 3" or 4" octagonal box, or on a din rail inside a building automation panel.

Attach the LMRJ Cable



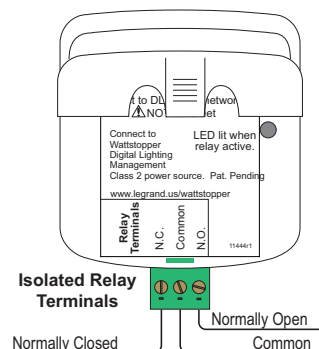
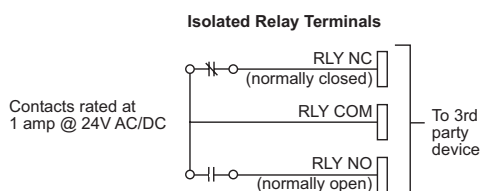


CAUTION: TO CONNECT A COMPUTER TO THE DLM LOCAL NETWORK USE THE LMCI-100. NEVER CONNECT THE DLM LOCAL NETWORK TO AN ETHERNET PORT – IT MAY DAMAGE COMPUTERS AND OTHER CONNECTED EQUIPMENT.



The DLM local network uses free topology low voltage wiring. The LMRL-100 can connect anywhere on the DLM local network.

Terminal Connections



OPERATION

The LMRL-100 connects to the DLM local network. When occupancy is detected by any sensor on the DLM local network the LMRL-100 automatically closes its relay. The output from the LMRL-100 terminal can signal a third party device that there is occupancy.

Power Up Functionality

Upon initial power up the LMRL-100 automatically “listens” for an occupancy message from any occupancy sensor on the local network. No setup is needed.

LED Indicator

The LMRL-100 contains one blue LED that illuminates when the isolated relay closes.

TROUBLESHOOTING

Relay does not close when the room is occupied:

1. Check that the circuit breaker has been turned back on.
2. Make sure that there is an occupancy sensor detecting occupancy.
3. Check all sensor and room controller wiring connections.
4. Check for 24VDC input to the LMRL-100: Plug in a different DLM device at the LMRL-100 location. If the device does not power up, 24VDC is not present.
 - Check the high voltage connections to the room controller.
 - If high voltage connections are good, recheck local network connections between the LMRL-100 and the room controller.

WARRANTY INFORMATION

Wattstopper warrants its products to be free of defects in materials and workmanship for a period of five (5) years. There are no obligations or liabilities on the part of Wattstopper for consequential damages arising out of, or in connection with, the use or performance of this product or other indirect damages with respect to loss of property, revenue or profit, or cost of removal, installation or reinstallation.

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Wattstopper garantit que ses produits sont exempts de défauts de matériaux et de fabrication pour une période de cinq (5) ans. Wattstopper ne peut être tenu responsable de tout dommage consécutif causé par ou lié à l'utilisation ou à la performance de ce produit ou tout autre dommage indirect lié à la perte de propriété, de revenus, ou de profits, ou aux coûts d'enlèvement, d'installation ou de réinstallation.

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