

GreenMAX® DRC Low Voltage Room Controller



Product Description

The GreenMAX® DRC Low Voltage Room Controller serves as the “brain” of any GreenMAX DRC Room Control System by coordinating the energy management functions within the room. Each room requires one room controller to connect with components such as DRC Smart Packs, digital keypads, and sensors.

System Description

The GreenMAX DRC Room Control System offers a fully distributed room control system, with each room operating independently of others; no dependence on network processors or centralized controllers. This revolutionary system is fully configurable via the GreenMAX DRC app for smart devices, and can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, multi-level lighting, daylight harvesting, partial-ON, partial-OFF, scheduling, exterior lighting, demand response and receptacle control requirements, and it is listed on the DesignLights Consortium (DLC) Qualified Products List (QPL) for Networked Lighting Control systems (certification pending).

GreenMAX DRC App

Wirelessly commission, configure, control, monitor and provision the GreenMAX DRC system using the GreenMAX DRC App designed for any WiFi-enabled Android or iOS smart device.

Applications

- Single room controller for GreenMAX DRC systems—one required per room
- DIN rail applications, such as phase control dimmers

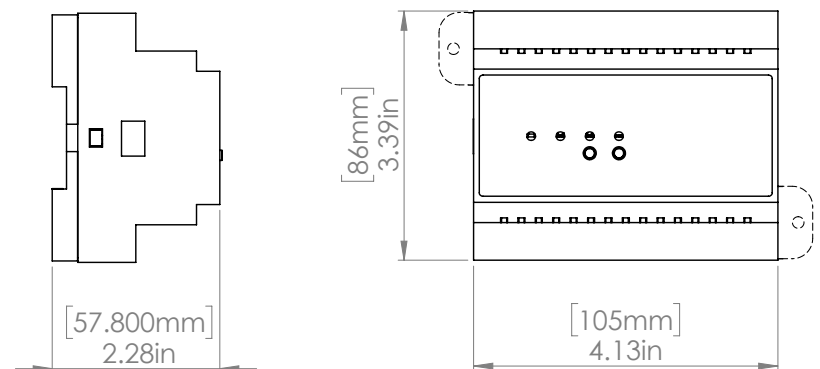
Use With These Leviton Systems

- GreenMAX DRC
- GreenMAX Relays
- Sapphire™ Touchscreen

Features

- Can enroll up to 100 devices
- Low voltage model is powered from LumaCAN network and can be surface mounted or installed into a DIN rail enclosure
- Connects to building WiFi network for configuration and communication between rooms,
- Acts as an access point for direct connection
- UL2043 Plenum rated
- Single analog input

Dimensions



Specifications

Electrical	
Power Input	+12-24VDC, 225mA
Low Voltage Connections	LumaCAN: (2) RJ45, CAT6A or better, termination provided via jumper (LCTRM-RJ) AUX In: 3-wire 2-part terminals, 26-18AWG (solid or stranded)
Connectivity	
Network Connections	(2) RJ45, CAT6 or better for connection to LumaCAN network. Termination provided via local termination switch.
Network Topology	Daisy chain, 1600' max between repeaters Home-run topology and network length up to 10,000' can be achieved when using LumaCAN network repeaters (NPRPT) Maximum 110 nodes between repeaters Maximum 250 nodes on a LumaCAN network
Environmental	
Operating Temperature Range	32° to 104° F (0° to 40° C)
Storage Temperature Range	14° to 185° F (-10° to 85° C)
Relative Humidity	0 to 90% non-condensing, for indoor use only
IP Rating	IP30
Other	
Listings	UL, cUL (File # E148771), emergency bypass (UL924)
Energy Codes	Can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, multi-level lighting, daylight harvesting, partial-ON, partial-OFF, scheduling, exterior lighting, demand response and receptacle control requirements
Warranty	5-year

Ordering Information

GreenMAX DRC Room Controller	
Cat. No.	Description
DRC00-0L0	GreenMAX DRC Room Controller with interface to LumaCAN, and WiFi networks, DIN rail form factor, low voltage, color: putty
DINRK-001	DIN Rail Rack Mount Enclosure, Small, 14x10" with (1) 12.9" rail
DINRK-A03	DIN Rail Rack Mount Enclosure, Medium, 21x25" with (3) 13.7" rails
DINRK-A06	DIN Rail Rack Mount Enclosure, Large, 25x48" with (5) 19.5" rails

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Visit our Website at: www.leviton.com/productpage

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