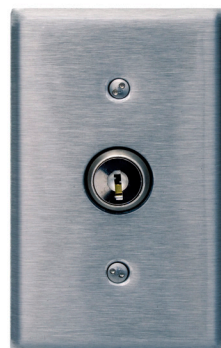**LEVITON**

GreenMAX® Digital Switches
Offers Programming Flexibility

GreenMAX Digital Switches

GreenMAX Key Switch

Leviton GreenMAX® Digital Switches are 100% digital. Specifically designed for use with GreenMAX Relay Control Panels, GreenMAX Digital Switches utilize LumaCAN protocols for unparalleled programming flexibility. All communication and monitoring functions can be performed from any GreenMAX Digital Switch location. Simply connect the GreenMAX Handheld Display Unit (HDU) to any GreenMAX Digital Switch for easy programming and   system control of all devices on the GreenMAX network. Available in 1-, 2-, 4-, 8-button and   keyswitch configurations, these switches connect using RJ45 connectors and CAT6 cabling. For dimming applications, use 4-button switch with dimming module for control of 0-10V dimming circuits.

APPLICATIONS
• Heavy retrofit applications
• New construction projects
• Government facilities
• Office buildings
• Hospitals/medical offices
• Universities
• Restaurants
• Large campuses
• Any other location where centralized lighting control, programming and monitoring are required

FEATURES
• Models include 1-, 2-, 4-, 8-button and keyswitch configurations
• RJ45 connectors to provide IN and OUT connections to the LumaCAN network
• Can be used to comply with IECC, ASHRAE 90.1 and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, daylight harvesting, partial-ON, partial-OFF, scheduling, demand response, and receptacle control requirements
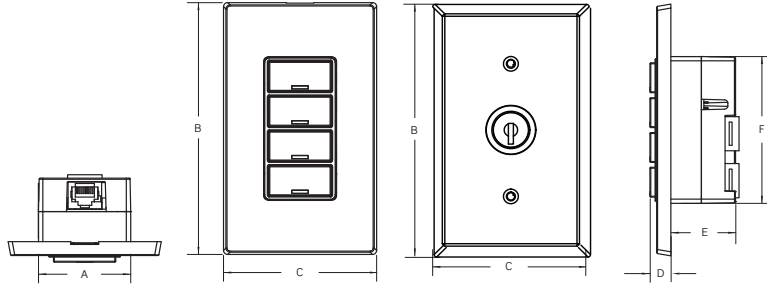
• Any button can be configured to control 0-10VDC dimming circuits
• Easy-to-access port on top of switch provides connectivity for the GreenMAX HDU
• Custom engraved labeling available on switch buttons and screwless wall plates
  - 1, 2, 4 button: up to 8 characters per two lines of text*
  - 8 button: up to 4 characters per one line of text*
• Install a mix of GreenMAX Relay Panels, Remote Input Cabinets and Digital Switches on a single LumaCAN
• Buttons can be programmed for ON, OFF, ON/OFF, dimmed raise/lower or single zone preset ON level
• Status LED for each button provides true relay status
• Matching screwless single-gang wall plate is supplied and digital switches are compatible with all available Decora® wall plates*
• Mounts in a standard depth wall box. All switches can be installed in a multi-gang application. The multi-gang wall plate is sold separately.
• Use with GreenMAX Relay Systems
• Available in White, Ivory, Light Almond and Gray. Color change kit available for Black and Red buttons (key switch stainless only).
• Draws its power from the LumaCAN
• Keyswitch includes a set of 2 keys, stainless steel wall plate, tamper resistant screws and installation tool*
• Keyswitch is spring return to the center position. Quarter turn of the key functions as a momentary switch input. Key can be removed in the center position only.
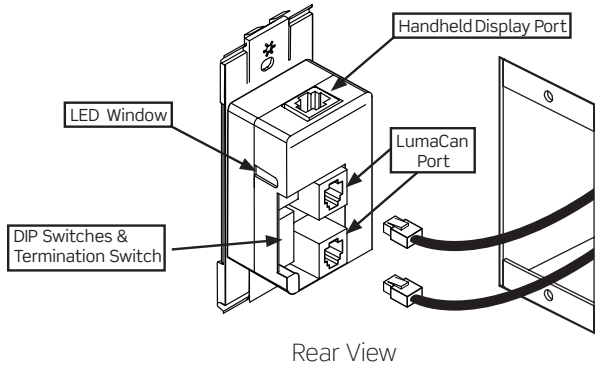
 *Excluding keyswitch

GreenMAX® Digital Switches

PRODUCT DATA

DIMENSIONS

	1,2,4,8 Button Switches	Keyswitch
A	1.65" (42.06mm)	1.70" (43.18mm)
B	4.60" (117.07mm)	4.50" (114.30mm)
C	2.75" (69.85mm)	2.75" (69.85mm)
D	0.37" (9.55mm)	0.28" (7.21mm)
E	1.16" (29.51mm)	1.88" (47.88mm)
F	2.68" (68.25mm)	2.70" (68.58mm)

WIRING DIAGRAM

Rear View

SPECIFICATIONS

Electrical
- Input Power: 24VDC (LumaCAN integral)
- Consumption: 1 Unit Load = 25mA (max)
- Connectors: RJ45
- Class 2
- Cables: CAT6

Environmental
- Ambient Temperature Range: 32 - 122°F (0 - 50°C)
- Relative Humidity: <90% non-condensing

Listings
- Complies with energy code requirements for IECC, ASHRAE 90.1 and Title 24

Warranty
- Limited 2-Year Warranty

ORDERING INFORMATION

CAT. NO.*	DESCRIPTION
RDGSW-1Cx	GreenMAX Digital Switch, 1-Button, LumaCAN3 (includes single gang wallplate)
RDGSW-2Cx	GreenMAX Digital Switch, 2-Button, LumaCAN3 (includes single gang wallplate)
RDGSW-4Cx	GreenMAX Digital Switch, 4-Button, LumaCAN3 (includes single gang wallplate)
RDGSW-8CW	GreenMAX Digital Switch, 8-Button, LumaCAN3 (includes single gang wallplate), Color: White
RDGSW-1K3	GreenMAX Keyswitch (includes single gang Stainless Steel wallplate)**
RDGSW-1Ey	GreenMAX 1 Button Color Change Kit (includes single gang wallplate)
RDGSW-2Ey	GreenMAX 2 Button Color Change Kit (includes single gang wallplate)
RDGSW-4Ey	GreenMAX 4 Button Color Change Kit (includes single gang wallplate)
RDGSW-8Ey	GreenMAX 8 Button Color Change Kit (includes single gang wallplate)
RDGSW-1Fy	GreenMAX 1 Button Color Change Kit with Engraving (includes single gang wallplate)
RDGSW-2Fy	GreenMAX 2 Button Color Change Kit with Engraving (includes single gang wallplate)
RDGSW-4Fy	GreenMAX 4 Button Color Change Kit with Engraving (includes single gang wallplate)
RDGSW-8Fy	GreenMAX 8 Button Color Change Kit with Engraving (includes single gang wallplate)

* Replace x to indicate color: (W) = White, (I) = Ivory, (T) = Light Almond, (G) = Gray
 Replace y to indicate color: (W) = White, (I) = Ivory, (T) = Light Almond, (G) = Gray (R) = Red, (E) = Black
 ARRA compliant models available - consult factory for availability
** Stainless steel wallplate cannot be engraved. Multi-gang keyswitch order requires a custom wallplate