

Leviton's Z-MAX™ Plus Relay Control Panels

Integrated building lighting control solution easily controls lighting applications of all sizes as a complete system



DEFINITION

Z-MAX Plus relay lighting control panels are the ideal advanced networking solution for large, integrated building applications. The Z-MAX Plus switching circuit offers an unprecedented 1,000,000 cycle life for unmatched durability. And for maximum equipment protection, the standard 30A relay card has a short circuit current rating (SCCR) of 18,000A to allow it to withstand higher current inrushes caused by short circuit conditions.

Z-MAX Plus enables lighting applications of all sizes to be easily controlled as a complete system, integrated into a comprehensive system with Leviton Dimensions™ D4000 and D8000 systems, or operated independently. With 8 or 12 discrete inputs, these panels readily incorporate occupancy sensors, photocells, low-voltage switches, and a variety of other input devices for a comprehensive yet easily installed energy management solution. Eight different digital switch models are available for control from multiple locations, offering added flexibility.

Z-MAX Plus is engineered to be contractor friendly, quick to install and simple to configure.

APPLICATIONS

- Office spaces - large and small
- Schools
- Churches
- Convention centers
- Ballpark lighting - professional and recreational
- Spaces where centralized lighting control, programming and monitoring are required

FEATURES

- Integrated astronomical time clock
- Relay cards are rated for all light sources as well as motors
- Relay cards are individually replaceable
- Single-pole and two-pole relay cards fit in the same location-same density regardless
- Normal or emergency panel capability
- Panel is prewired and tested
- Standard transformer has inputs for 120V, 277V or 347V; separate transformer functions at 230V +/- 15%
- Panels may be surface or recess mounted
- Master and remote panel configurations
- Listings for 120V, 277V and 347V Panels
 - UL 924
 - UL and C-UL Listed (UL File E123072)
 - CEC Title 24 compliant
 - ASHRAE 90.1 compliant
- Two year warranty on Panels
- Ten year warranty on Relay Cards

Z-MAX PLUS PANELS WORK WITH:

- Z-MAX Digital Entry Stations
- Dimensions™ D4000 System
- Dimensions™ D8000 System
- DMX Controllers
- Analog Controllers
- Low-Voltage Switches
 - Maintained, Momentary or Toggle
- Discrete and Analog Photocells
- Occupancy Sensors

Z-MAX PLUS RELAY CONTROL PANELS

PHYSICAL SPECIFICATIONS

Panel	Size	Weight - Fully Loaded
8-Circuit Z-MAX Plus	13" W x 13" H x 4-11/32" D (330.20 mm x 330.20 mm x 110.55 mm)	16 lbs (7.26 kg)
24-Circuit Z-MAX Plus	20" W x 34" H x 4-11/32" D (514.35 mm x 863.60 mm x 110.55 mm)	44 lbs (19.96 kg)
48-Circuit Z-MAX Plus	20" W x 54" H x 4-11/32" D (514.35 mm x 1371.60 mm x 110.55 mm)	65 lbs (29.48 kg)

Leviton Mfg. Co., Inc. Lighting Management Systems

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ORDERING INFORMATION

CAT. NO.	DESCRIPTION
Ro8ND-000	Z-MAX Plus 8 Panel, Networkable, 120V, 277V, and 347V, No Relays
Ro8ND-Lo8	Z-MAX Plus 8 Panel, Networkable, 120V, 277V, and 347V, (8) 30A Relays
Ro8ND-2o8	Z-MAX Plus 8 Panel, Networkable, 120V, 277V, and 347V, (8) 2-Pole Relays
R24MD-000	Z-MAX Plus 24 Panel, Master, 120V, 277V, and 347V, No Relays
R24MD-L12	Z-MAX Plus 24 Panel, Master, 120V, 277V, and 347V, (12) 30A Relays
R24MD-L24	Z-MAX Plus 24 Panel, Master, 120V, 277V, and 347V, (24) 30A Relays
R24MD-224	Z-MAX Plus 24 Panel, Master, 120V, 277V, and 347V, (24) 2-Pole Relays
R48MD-000	Z-MAX Plus 48 Panel, Master, 120V, 277V, and 347V, No Relays
R48MD-L24	Z-MAX Plus 48 Panel, Master, 120V, 277V, and 347V, (24) 30A Relays
R48MD-L36	Z-MAX Plus 48 Panel, Master, 120V, 277V, and 347V, (36) 30A Relays
R48MD-L48	Z-MAX Plus 48 Panel, Master, 120V, 277V, and 347V, (48) 30A Relays
R48MD-248	Z-MAX Plus 48 Panel, Master, 120V, 277V, and 347V, (48) 2-Pole Relays
R24SD-000	Z-MAX Plus 24 Panel, Remote, 120V, 277V, and 347V, No Relays
R24SD-L24	Z-MAX Plus 24 Panel, Remote, 120V, 277V, and 347V, (24) 30A Relays
R24SD-224	Z-MAX Plus 24 Panel, Remote, 120V, 277V, and 347V, (24) 2-Pole Relays
R48SD-000	Z-MAX Plus 48 Panel, Remote, 120V, 277V, and 347V, No Relays
R48SD-L48	Z-MAX Plus 48 Panel, Remote, 120V, 277V, and 347V, (48) 30A Relays
R48SD-248	Z-MAX Plus 48 Panel, Remote, 120V, 277V, and 347V, (48) 2-Pole Relays
Ro8NF-000	Z-MAX Plus 8 Panel, Networkable, 230V, No Relays
Ro8NF-Lo8	Z-MAX Plus 8 Panel, Networkable, 230V, (8) 30A Relays
Ro8NF-2o8	Z-MAX Plus 8 Panel, Networkable, 230V, (8) 2-Pole Relays
R24MF-000	Z-MAX Plus 24 Panel, Master, 230V, No Relays
R24MF-L12	Z-MAX Plus 24 Panel, Master, 230V, (12) 30A Relays
R24MF-L24	Z-MAX Plus 24 Panel, Master, 230V, (24) 30A Relays
R24MF-224	Z-MAX Plus 24 Panel, Master, 230V, (24) 2-Pole Relays
R48MF-000	Z-MAX Plus 48 Panel, Master, 230V, No Relays
R48MF-L24	Z-MAX Plus 48 Panel, Master, 230V, (24) 30A Relays
R48MF-L48	Z-MAX Plus 48 Panel, Master, 230V, (48) 30A Relays
R48MF-248	Z-MAX Plus 48 Panel, Master, 230V, (48) 2-Pole Relays
R24SF-000	Z-MAX Plus 24 Panel, Remote, 230V, No Relays
R24SF-L24	Z-MAX Plus 24 Panel, Remote, 230V, (24) 30A Relays
R24SF-224	Z-MAX Plus 24 Panel, Remote, 230V, (24) 2-Pole Relays
R48SF-000	Z-MAX Plus 48 Panel, Remote, 230V, No Relays
R48SF-L48	Z-MAX Plus 48 Panel, Remote, 230V, (48) 30A Relays
R48SF-248	Z-MAX Plus 48 Panel, Remote, 230V, (48) 2-Pole Relays

RELAY CARDS

CAT. NO.	DESCRIPTION
RELAY-030	1-Pole N/O or N/C Relay Card, 30A, 120-277V
RELAY-ST2	1-Pole N/O Relay Card, 20A, 120-277V
RELAY-2PL	2-Pole, N/O Relay Card, 20A, 208-480V
RELAY-1NC	1-Pole N/C Relay Card, 20A, 120-277V
RELAY-2NC	2-Pole N/C Relay Card, 20A, 208-480V
RELAY-347	347V Relay Card, 20A, 347V
RELAY-LAT	Latching Relay Card, 20A, 347V

ACCESSORIES

CAT. NO.	DESCRIPTION
RAC00-SIB	Switch Input Board - 36 Discrete Inputs
RAC00-MOD	External Modem with Touch Tone Input Capability
RAC00-ETH	Ethernet Module
RAC00-08F	Flush Trim Kit for 8 Relay Panel
RAC00-24F	Flush Trim Kit for 24 Relay Panel
RAC00-48F	Flush Trim Kit for 48 Relay Panel
RAC00-VBR	Voltage Barrier between Relay cards
RAC00-485*	Expansion Module for Bacnet MSTP
RAC00-BUS*	Expansion Module for ModBus or Lonworks
RAC00-BIP*	Expansion Module for Bacnet IP
RAC00-JSC*	Expansion Module for Johnson Control Metasys

* Consult factory for availability.

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