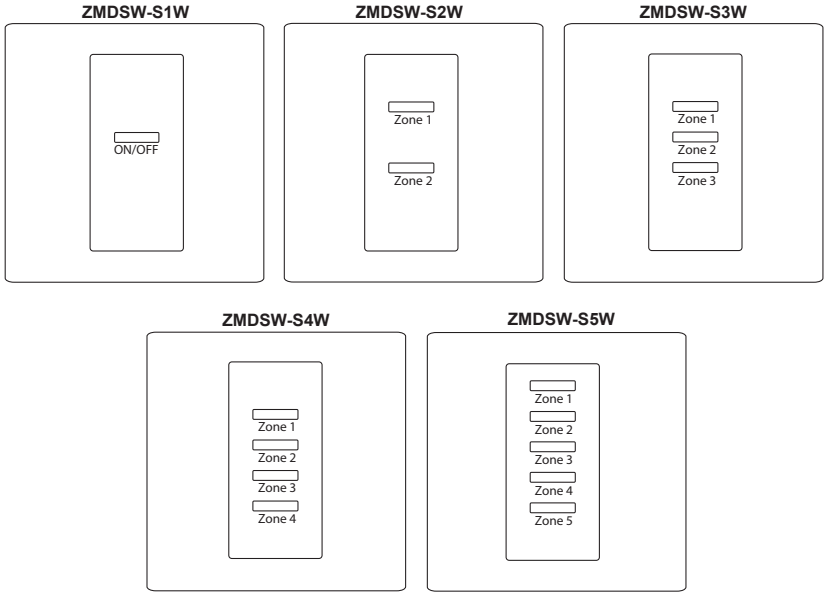
LEVITON®

Z-MAX American Standard Digital Switches



DESCRIPTION

The Z-MAX Digital Switches are 100% digital, using the Luma-Net protocol and are specifically designed for use with Z-MAX Lighting Control Relay Cabinets. They connect using the same wire and connectors as other Luma-Net products (D4200, D8000) and can be ordered from one button to 5 buttons per gang mounting in a standard deep switch box.

APPLICATIONS

- Office spaces -large and small
- Schools
- Churches
- Convention centers
- Parking lots
- Ballpark lighting—professional and recreational
- Municipal parks
- Residential lighting

FEATURES

- 1-5 buttons
- Status LED for each button provides true relay status
- Matching screw-less Decora wallplate
- Custom labeling is available from the factory or kits are available for use in the field
- Install up to 127 digital switches and cabinets on a sub-network
- Switches can be programmed for ON, OFF, ON/OFF, Groups, or Presets/Scenes
- Z-MAX Digital Switches work with Z-MAX Networked Relay Cabinets
- Dimensions: 3 5/16" H x 3 5/16" W x 1 3/8" D; use 2 1/4" deep switch box

Leviton Mfg. Co., Inc. Lighting & Energy Solutions
20497 SW Teton Avenue, Tualatin, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 www.leviton.com/les

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SET UP AND PROGRAMMING

- Set address on switch and install
- Remainder of the setup performed at the Z-MAX cabinet

WIRING

- Wires to Z-MAX cabinet using Luma-Net standard wiring scheme
- Accepts 6 Pin Phoenix connector
- Daisy chain wiring scheme required unless Luma-Net hub is used

LUMA-NET® III

- Must be daisy chained, station to station.
- For Star configurations use a Luma-Net hub, LHUB8-000.
- Must be less than 2000 feet (600m)
- Must be run separately from line (mains) voltage
- The cable should not pass near any source of electrical noise such as fluorescent circuits or motor wiring. Avoid close proximity to any AC wiring. All control/power wiring must be in conduit.
- Use Beldon 1502R
- Confirm power supply calculation with factory, an additional power supply may be required.
- At the last control station or dimmer cabinet on both ends of the run, a small jumper wire must be run between two terminals on the connector. This jumper wire properly terminates the digital communications lines at the end of the line.

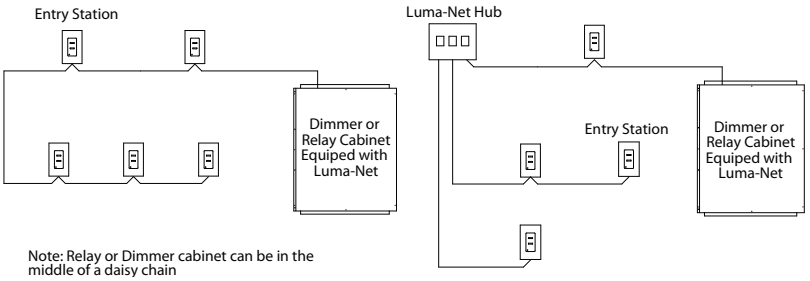
SPECIFICATIONS

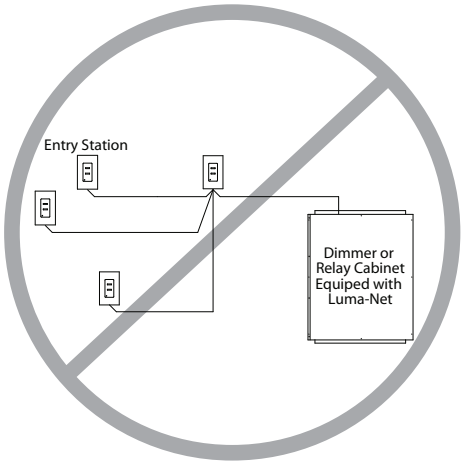
ELECTRICAL		
Input Power	24 VDC	
Power Consumption	Unit Load Consumption @ 24 VDC 1 Unit Load = 25mA	
	1 Button	0.6
	2 Button	0.8
	3 Button	1.0
	4 Button	1.1
	5 Button	1.3
ENVIRONMENTAL		
Operating Temperature Range	0°C-40°C (32°F-104°F)	
Relative Humidity	Less then 90% non-condensing	

ORDERING INFORMATION

CAT. NO.*	DESCRIPTION
ZMDSW-S1W	Z-Max Digital Switch, 3x3 Faceplate, 1 button, American Standard, White
ZMDSW-S2W	Z-Max Digital Switch, 3x3 Faceplate, 2 button, American Standard, White
ZMDSW-S3W	Z-Max Digital Switch, 3x3 Faceplate, 3 button, American Standard, White
ZMDSW-S4W	Z-Max Digital Switch, 3x3 Faceplate, 4 button, American Standard, White
ZMDSW-S5W	Z-Max Digital Switch, 3x3 Faceplate, 5 button, American Standard, White

STANDARD NETWORK DIAGRAM





LEVITON SPECIFICATION SUBMITTAL	
JOB NAME:	CATALOG NUMBERS:
JOB NUMBER:	

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