

LIGHTOLIER® CONTROLS

LSW-24-PROB120 24-CIRCUIT HIGH-PERFORMANCE LOW-VOLTAGE LIGHTING CONTROL PANEL WITH 120V BREAKERS

Project:

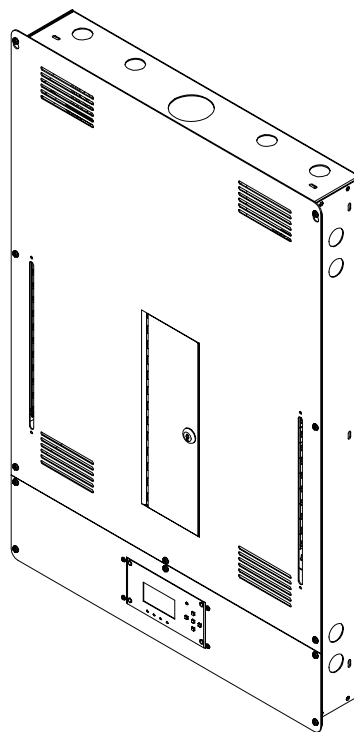
Location/Type:

Description

The Lyteswitch® 24-Circuit High-Performance Low-Voltage Lighting Control Panel features robust and rugged relays, and provides advanced control of various lighting load types, and allows any combination of control including scheduling via an internal astronomical time-clock, occupant control through the use of standard Lytemode® ILS keypads, and/or integration with a building management system. The LSW-24-PROB120 includes 120V internal branch circuit breakers.

Features

- Relays rated for 20A at 120VAC.
- Single-pole and double-pole relays available.
- Snap in relays easy replaceable without tools.
- 120V internal branch circuit breakers.
- Robust industrial relay specifically designed for switching of common lighting loads.
- Convenient mounting options - surface or recessed.
- Compatible with most building management systems including BACnet and LonWorks.
- Scheduling via integral astronomical clock that can store up to 500 events.
- User-friendly programming and operation via the built-in LCD display.
- Remote programming via Lightolier® Controls software packages (requires computer - by others).
- Compatible with all Classic Digital and Lytemode® control systems and button stations.
- Local control via pushbutton, at relay panel or mechanical switch on relay, to turn on and off relays.
- Compatible with IntelliSight® Occupancy Sensors and Photocells.
- Audible Alert and/or Flick Warning warn occupants the lights will go off.
- Low-cost digital button stations simplify installation, programming, and operation.
- 8 Programmable Presets included.
- Ample wiring space with wiring access from top and sides. Panel may be inverted for feed from bottom and sides.
- Panic Input.
- UL924 Option for use with Emergency Lighting Systems.
- DMX512 Input and Pass-Thru. Optional Pathport® module available.
- LED status indicators for each relay.
- California Energy Commission's appliance efficiency regulations - Title 24 compliant for use in commercial and residential applications.
- Three year, limited product warranty. Contact Lightolier® Controls for details.



Ordering Info

LSW-24-PROB120	24-Circuit w/ High-Performance Single-Pole 20A Latching Relays and 120V Breakers
LSW-24-PROB120S	24-Circuit w/ High-Performance Single-Pole 20A Latching Relays and 120V Breakers, Slave
LSWBOX-3	Rough-In Box
LSWPP	Pathport® Interface Module
LSWPRORLY	Replacement High-Performance Single-Pole 20A Latching Relay
LSWPRO2RLY	Replacement High-Performance Double-Pole 20A Latching Relay

lyteswitch® LOW-VOLTAGE LIGHTING CONTROL PANEL

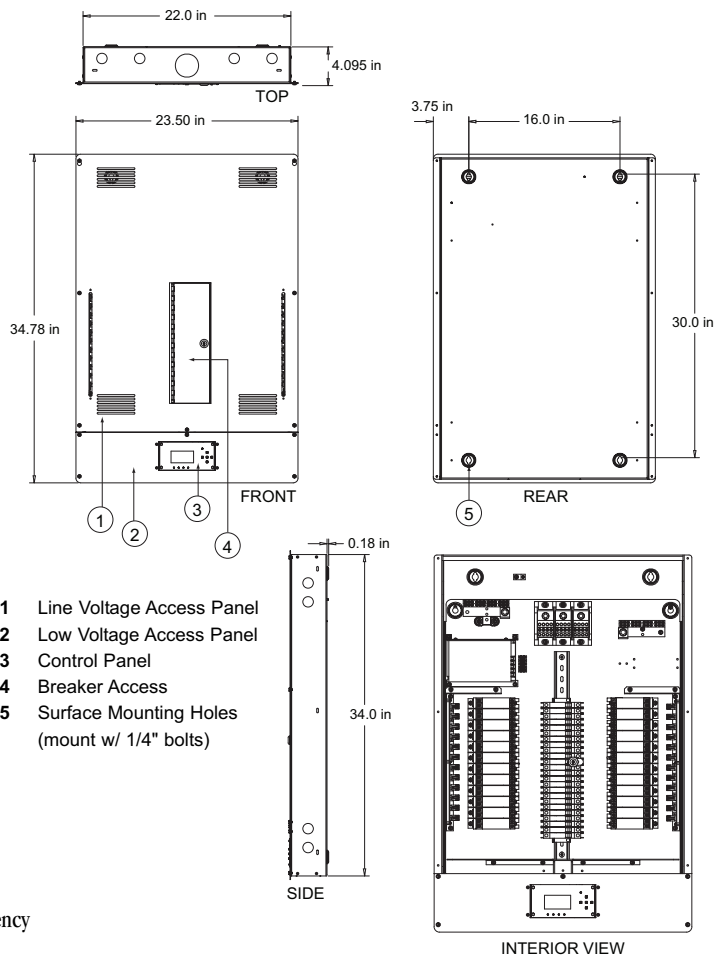
Product
Specifications

Specifications

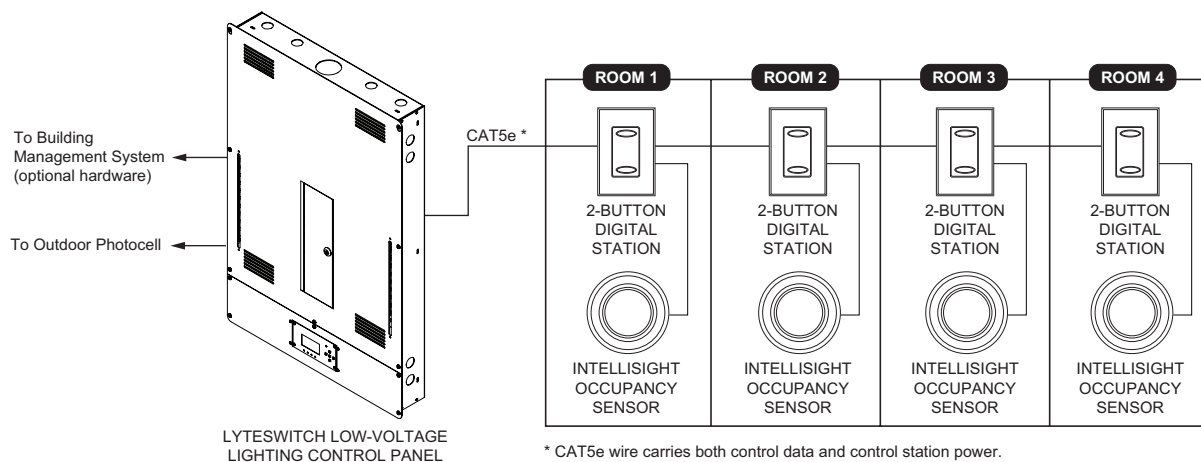
Number of Circuits:	24 Max (Individually replaceable 20A latching relays)
Relay Type & Rating:	20A High-Performance Single-Pole Latching or 20A High-Performance Double-Pole Latching, 120VAC, 50-60Hz, 0.5HP
Circuit Breakers:	Internal branch, 120V
AIC Rating:	14,000AIC @ 277VAC
Load Types:	Incandescent (Tungsten, Halogen), Magnetic Low-Voltage, Electronic Low-Voltage, Neon, Non- Dim, Fluorescent, HID, LED, Motors
Control via:	Internal Astronomical Timeclock Lyteswitch® and/or Lytemode® Button Stations IntelliSight® Occupancy Sensors IntelliSight® Photocells DMX512 Pathport® DMX512 via Ethernet BACnet or LonWorks
Relay Operating Voltage:	120VAC
Panel Operating Voltage:	120VAC
Operating Temperature:	-10° to 60° C (-15° to 140° F)
Operating Humidity:	10% to 90% (Non-condensing)
Mounting:	Surface or Recessed
Enclosure:	NEMA Type 1
Compliance:	CSA listed to UL508 and UL924 (option)

This Lyteswitch® product meets California Energy Commission's appliance efficiency regulations for Title 24 for use in commercial and residential applications.

Dimensions & Components



System Wiring Diagram



LightolierControls
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Dallas, Texas 75238



Technical/Sales assistance: 1-800-526-2731
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www.lolcontrols.com P/N 87-0646B