

LIGHTOLIER® CONTROLS

LSW-42-PROB277 42-CIRCUIT HIGH-PERFORMANCE LOW-VOLTAGE LIGHTING CONTROL PANEL WITH 277V BREAKERS

Project:

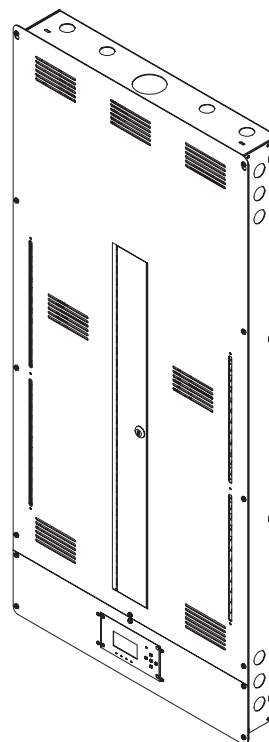
Location/Type:

Description

The Lyteswitch® 42-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-42-PROB277 includes 277V internal branch circuit breakers.

Features

- Relays rated for 20A at 277VAC.
- Single-pole and double-pole relays available.
- Snap in relays easy replaceable without tools.
- 277V 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.
- Three year, limited product warranty. Contact Lightolier® Controls for details.



Ordering Info

LSW-42-PROB277	42-Circuit w/ High-Performance Single-Pole 20A Latching Relays and 277V Breakers
LSW-42-PROB277S	42-Circuit w/ High-Performance Single-Pole 20A Latching Relays and 277V Breakers, Slave
LSWBOX-4	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

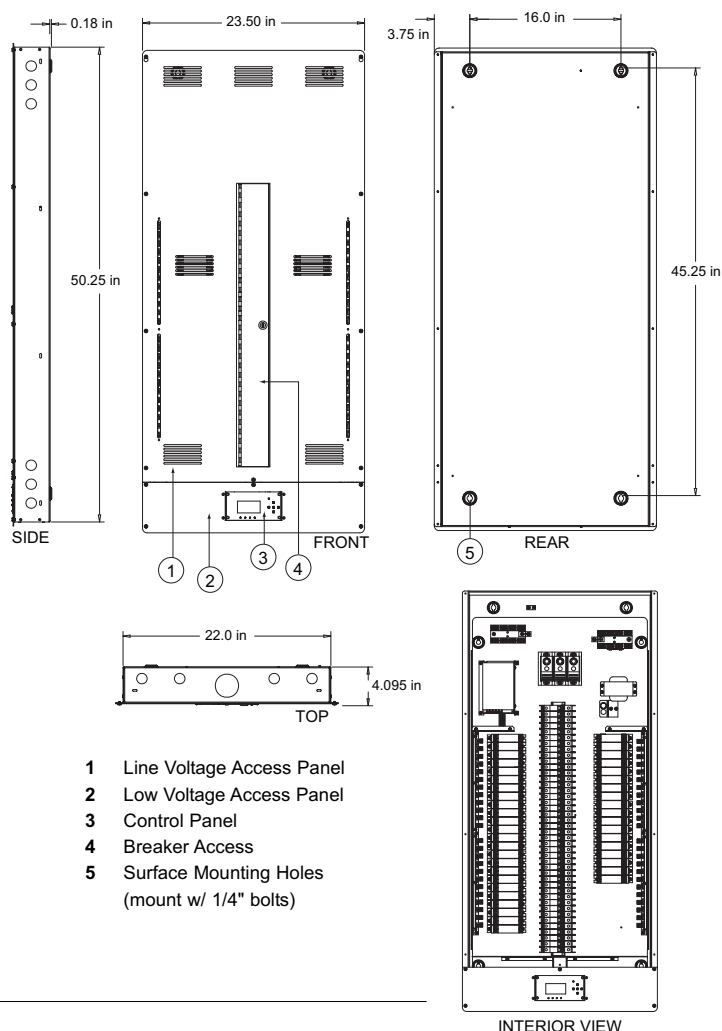
lyteswitch® LOW-VOLTAGE LIGHTING CONTROL PANEL

Product
Specifications

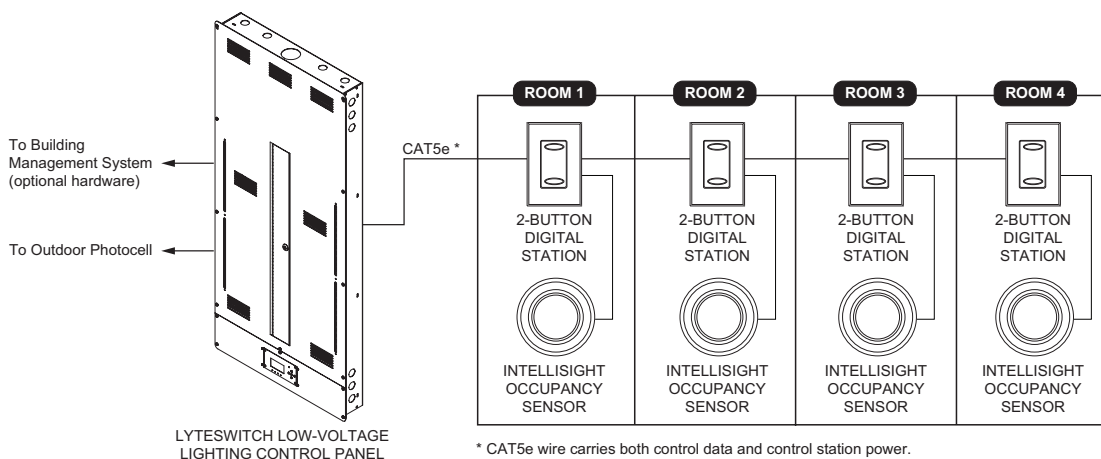
Specifications

Number of Circuits:	42 Max (Individually replaceable 20A latching relays)
Relay Type & Rating:	20A High-Performance Single-Pole Latching or 20A High-Performance Double-Pole Latching, 277VAC, 50-60Hz, 1.5HP
Circuit Breakers:	Internal branch, 277V
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:	277VAC
Panel Operating Voltage:	277VAC
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)

Dimensions & Components



System Wiring Diagram



Lightolier® Controls
10911 Petal Street
Dallas, Texas 75238



Technical/Sales assistance: 1-800-526-2731
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www.lolcontrols.com P/N 87-0659A