LK16, LK32, LiteKeeper 16 and 32

- Capable of mixed load voltages (120/277/347 VAC) as well as mixed sources (ie. normal and emergency power)
- Manual and programmable control of each relay via a simple keypad and 4 line LCD display
- Normally open, latched, and two pole parallel relays available
- Flush mount kit and voltage separation barrier available

Specifications:
- Enclosure: NEMA 1 surface mount, lockable
  - LK16: 18"H x 15"W x 6.25"D (up to 16 relays)
  - LK32: 30"H x 15"W x 6.25"D (up to 32 relays)
- Transformer Ratings:
  - Multi-tapped 120/277 VAC internally fused standard
  - Optional 347 VAC internally fused
- Power Use Ratings: Fully loaded panel 75 watts
- Operating Temp. Ratings:
  - 32°F to 122°F (0°C to 50°C)
- Master Override: ON/AUTO/OFF
- Programming:
  - Onboard keypad and LCD display
  - Optional PC Software
- Standard Relay Ratings:
  - 20A, 120/277 VAC
  - Normally open
  - Maximum wire size: 10 AWG
  - Mechanical operations: 10 million
- Latching Relay Ratings:
  - 20A, 120/277/347 VAC
  - Maximum wire size: 6 AWG
  - Mechanical operations: 10 million
  - Provides a system SCCR rating of 10,000A
- Two Pole Relay Ratings:
  - 20A, 208/240/480 VAC
  - Normally open
  - Maximum wire size: 6 AWG
  - Mechanical operations: 10 million
- System warranty: Three year
- Relay warranty: Ten year

Overview
The LiteKeeper stand-alone lighting control panel is an all-inclusive premium grade system for applications that would traditionally use a timeclock in conjunction with contactors. Control up to 32 relays per panel. Several relay options and more standard features than any other stand-alone panel on the market combine to create a state of the art stand-alone lighting control system.

System Includes
- UL listed – UL 916 standard
- NEMA 1 enclosure
- 32 low voltage input connections
- Digita Switch interface
- Time schedules with astronomic clock
- Prioritization and masking of switch inputs, time schedules, and remotes

Accessories
- Keeper Enterprise Software
- Ethernet Interface Module
- Automation Interface Module
- Telephone Interface Module
- Digita Switch
- Dry Contact Switches
- Contact Input Photosensor
- Occupancy Sensor
- Voltage Separation Barrier
- Flush Mount Kit
- CEPC
- RIM

Ordering
All LiteKeeper lighting control panels require a Logic Board (LK LB). The logic board is shipped separately from the enclosure and is listed as a separate line item. When ordering any of the above models, you must also order the LK LB. See next/back page for Ordering details.
## Ordering

<table>
<thead>
<tr>
<th>Product Size</th>
<th>Voltage</th>
<th># of SRC's</th>
<th># of TPRC's</th>
<th># of LRC's</th>
<th># of MRC's</th>
</tr>
</thead>
<tbody>
<tr>
<td>LK16</td>
<td>120/277</td>
<td>0-2 cards</td>
<td>0-4 cards</td>
<td>0-2 cards</td>
<td>LiteKeeper 16</td>
</tr>
<tr>
<td></td>
<td>220/230</td>
<td>(16 size)</td>
<td>(32 size)</td>
<td>(16 size)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>120/347</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LK32</td>
<td>120/277</td>
<td>0-2 cards</td>
<td>0-4 cards</td>
<td>0-2 cards</td>
<td>LiteKeeper 32</td>
</tr>
<tr>
<td></td>
<td>220/230</td>
<td>(16 size)</td>
<td>(32 size)</td>
<td>(16 size)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>120/347</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Voltage: 120/277, 220/230, 120/347
- # of SRC's: 0-2 cards (16 size), 0-4 cards (32 size)
- # of TPRC's: 0-4 cards (32 size)
- # of LRC's: 0-2 cards (16 size), 0-4 cards (32 size)
- # of MRC's: LiteKeeper 16 and 32

## Additional Options

- Catalog #
  - LK LB: LiteKeeper Logic Board (required per enclosure)
  - LK 16 FK: LiteKeeper 16 size Flush Mount Kit (option)
  - LK 32 FK: LiteKeeper 32 size Flush Mount Kit (option)

## Sample One-Line Diagram

- Logic Board:
  - Low Voltage logic board
  - High Voltage logic board

- System Power Supply:
  - LK16
  - LK32

- High Voltage Separation Barrier

- High Voltage Wiring Compartment

- System Power Supply

- Logic Board

- Lighting Control Panel:
  - Single pole relay per card
  - Available with 100-277 VAC 3-phase transformers

- Standard Package:
  - Includes:
    - Logic board (required per enclosure)
    - LiteKeeper 16 size Flush Mount Kit (option)
    - LiteKeeper 32 size Flush Mount Kit (option)

- Additional Options:
  - 120/277 VAC single pole relays per card
  - 100-277 VAC 3-phase transformers

- System Power Supply:
  - LK16
  - LK32

- High Voltage Barrier and Dividers

- System Power Supply

- Logic Board

- Lighting Control Panel:
  - Single pole relay per card
  - Available with 100-277 VAC 3-phase transformers

- Standard Package:
  - Includes:
    - Logic board (required per enclosure)
    - LiteKeeper 16 size Flush Mount Kit (option)
    - LiteKeeper 32 size Flush Mount Kit (option)

- Additional Options:
  - 120/277 VAC single pole relays per card
  - 100-277 VAC 3-phase transformers