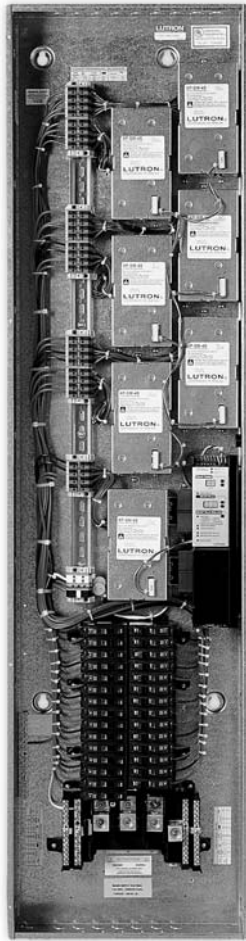


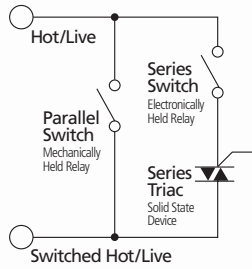
XP Softswitch Panel— Feed Through



XP Softswitch Panel with Breakers

**Million-cycle Switching Panel** employs Lutron's patented **Softswitch** technology

- Patented **Softswitch** relay switches load with no arc. Lutron has verified an average rated relay life of 1,000,000 cycles (on/off)



- Standard Panel ships in 3-5 business days
- Preassembled panels, field wiring is similar to wiring lighting distribution panel



Mini XP Softswitch Panel— 4-16 circuits

**Sources**

- Incandescent
- Magnetic Low-Voltage
- Electronic Low-Voltage
- Fluorescent
- Neon/Cold Cathode
- High-Intensity Discharge

**DESIGN OPTIONS**

- Input feed – main lugs, feed-through, isolator switch
- Branch breakers – 15A or 20A
- Panel voltage – 100V, 120V, 220V-240V, 230V (CE), 277V, and 347V
- Operates on 50 or 60 Hz power
- Panel feed – single phase, split phase, or three phase
- Number of switch legs: 4-48 (Feed-Through Panels) 4-42 (Panels with Branch Breakers)
- 2Link™ option – provides a second control link that automatically detects the presence of a DMX512 stage console

**SPECIFICATIONS**

- All voltages indicated are phase-to-neutral
- Each module has four independent switch legs, each with its own air-gap off
- Panels may be in the middle of a control link; control link must be daisy-chained
- System can include a combination of GP, LP, XP, DCI and Combo Panels
- Power Panel installation instructions are available in multiple languages; contact Lutron or visit the Lutron website for more information

**SYSTEMS**

**GRAFIK Eye®**  
4000 Series pg. 32



**Centralized Lighting Control System**  
pg. 88



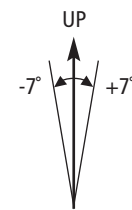
**STANDARDS**

Standards listed below apply to one or more products in the Lutron product line. Consult factory for specific information.



**MOUNTING**

- Indoor use only; NEMA Type 1 enclosure, IP-20 protection
- Panel generates heat; mount only where ambient temperature will be 0-40°C (32-104°F) with a non-condensing relative humidity < 90%
- Flush mount between 16" studs or surface mount
- Panels must mount within 7° of true vertical



Mount Panel Vertically

- 120V
- 4 – 42 CIRCUITS
- WITH BRANCH BREAKER PROTECTION



### Dimensions – Standard Panel 4-28 Circuits

W: 15.88" (404mm)  
 H: 59.50" (1514mm)  
 D: 4.25" (108mm)  
 wt: 80 lbs (37kg)  
 Ship wt: 90 lbs (41kg)

### Dimensions – Large Panel (shown) 32-42 Circuits

W: 23.50" (600mm)  
 H: 63.50" (1613mm)  
 D: 6.25" (159mm)  
 wt: 135 lbs (61.3kg)  
 Ship wt: 145 lbs (66kg)

Type/Source	Model No. Prefix	No. of Circuits	Voltage	Feed Type <sup>1</sup>	Main Lugs (ML)	Isolator Switch (IS)	Branch Circuit Breaker Capacity (A) <sup>2</sup>	Maximum Feed (A)	Maximum Switched Hot Load (A)
<b>XP4</b>	<i>Available model numbers (Model No. Example: XP4-1204ML-15)</i>								
	<b>120V</b>								
XP	4-	120	4	ML-	15		200	12	
XP	4-	120	4	ML-	20		200	16	
<b>XP8</b>	<b>120V</b>								
XP	8-	120	4	ML-	15		200	12	
XP	8-	120	4	ML-	20		200	16	
<b>XP12</b>	<b>120V</b>								
XP	12-	120	4	ML-	15		200	12	
XP	12-	120	4	ML-	20		200	16	
<b>XP16</b>	<b>120V</b>								
XP	16-	120	4	ML-	15		200	12	
XP	16-	120	4	ML-	20		200	16	
<b>XP20</b>	<b>120V</b>								
XP	20-	120	4	ML-	15		200	12	
XP	20-	120	4	ML-	20		200	16	
<b>XP24</b>	<b>120V</b>								
XP	24-	120	4	ML-	15		200	12	
XP	24-	120	4	ML-	20		200	16	
<b>XP28</b>	<b>120V</b>								
XP	28-	120	4	ML-	15		200	12	
XP	28-	120	4	ML-	20		200	16	
<b>XP32</b>	<b>120V</b>								
XP	32-	120	4	ML-	15		225	12	
XP	32-	120	4	ML-	20		225	16	
<b>XP36</b>	<b>120V</b>								
XP	36-	120	4	ML-	15		225	12	
XP	36-	120	4	ML-	20		225	16	
<b>XP40</b>	<b>120V</b>								
XP	40-	120	4	ML-	15		225	12	
XP	40-	120	4	ML-	20		225	16	
<b>XP42</b>	<b>120V</b>								
XP	42-	120	4	ML-	15		225	12	
XP	42-	120	4	ML-	20		225	16	

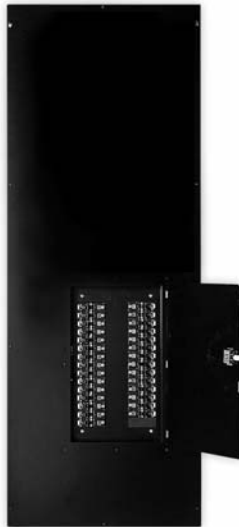
### Footnotes, pg. 163

- 1 Feed types—phase-to-neutral only. 2= 1Ø,2W; 3= 1Ø,3W; 4= 3Ø,4W; FT=Feed Through.
- 2 20/16A, 15/12A continuous load rating.

Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

- 277V/347V/  
220V-240V
- 4 – 28 CIRCUITS
- WITH BRANCH  
BREAKER PROTECTION

Type/Source	Model No. Prefix	No. of Circuits	Voltage	Feed Type <sup>1</sup>	Main Lugs (ML)	Isolator Switch (IS)	Branch Circuit Breaker Capacity (A) <sup>2</sup>	Maximum Feed (A)	Maximum Switched Hot Load (A)
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### Dimensions— Large Panel

W: 23.50" (600mm)  
H: 63.50" (1613mm)  
D: 6.25" (159mm)

wt: 135 lbs (61.3kg)  
Ship wt: 145 lbs. (66kg)

**Note:** Panels listed are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

Type/Source	Model No. Prefix	No. of Circuits	Voltage	Feed Type <sup>1</sup>	Main Lugs (ML)	Isolator Switch (IS)	Branch Circuit Breaker Capacity (A) <sup>2</sup>	Maximum Feed (A)	Maximum Switched Hot Load (A)	
<b>XP4</b>	<i>Available model numbers (Model No. Example: XP12-2774ML-20)</i>									
	<b>277V</b>									
	XP	4-	277	4	ML-	20	250	16		
	<b>347V<sup>2</sup></b>									
	XP	4-	347	4	ML-	20	250	16		
	<b>220V-240V</b>									
	XP	4-	230	4	IS-	16	125	16		
	<b>XP8</b>	<b>277V</b>								
		XP	8	277	4	ML-	20	250	16	
		<b>347V<sup>2</sup></b>								
		XP	8-	347	4	ML-	20	250	16	
		<b>220V-240V</b>								
XP		8-	230	4	IS-	16	125	16		
<b>XP12</b>		<b>277V</b>								
		XP	12-	277	4	ML-	20	250	16	
		<b>347V<sup>2</sup></b>								
		XP	12-	347	4	ML-	20	250	16	
		<b>220V-240V</b>								
		XP	12-	230	4	IS-	16	125	16	
	<b>XP16</b>	<b>277V</b>								
		XP	16-	277	4	ML-	20	250	16	
		<b>347V<sup>2</sup></b>								
		XP	16-	347	4	ML-	20	250	16	
		<b>220V-240V</b>								
		XP	16-	230	4	IS-	16	125	16	
<b>XP20</b>		<b>277V</b>								
		XP	20-	277	4	ML-	20	250	16	
		<b>347V<sup>2</sup></b>								
		XP	20-	347	4	ML-	20	250	16	
		<b>220V-240V</b>								
		XP	20-	230	4	IS-	16	125	16	
	<b>XP24</b>	<b>277V</b>								
		XP	24-	277	4	ML-	20	250	16	
		<b>347V<sup>2</sup></b>								
		XP	24-	347	4	ML-	20	250	16	
		<b>220V-240V</b>								
		XP	24-	230	4	IS-	16	125	16	
<b>XP28</b>		<b>277V</b>								
		XP	28-	277	4	ML-	20	250	16	
		<b>347V</b>								
		XP	28-	347	4	ML-	20	250	16	

### Footnotes, pg. 164

- 1 Feed types—phase-to-neutral only. 2= 1Ø,2W; 3= 1Ø,3W; 4= 3Ø,4W; FT=Feed Through.
- 2 Contact Lutron for availability.
- 3 20/16A continuous load rating.

- 277V
- 32 – 42 CIRCUITS
- WITH BRANCH BREAKER PROTECTION

Type/Source	Model No. Prefix	No. of Circuits	Voltage	Feed Type <sup>1</sup>	Main Lugs (ML)	Isolator Switch (IS)	Branch Circuit Breaker Capacity (A) <sup>2</sup>	Maximum Feed (A)	Maximum Switched Hot Load (A)
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**Dimensions – Extra Large Panel**

W: 23.50" (600mm)  
 H: 82.00" (2085mm)  
 D: 6.25" (159mm)  
 wt: 225 lbs. (102kg)  
 Ship wt: 235 lbs. (107kg)

<b>XP32</b>	<i>Available model numbers (Model No. Example: XP32-2774ML-15)</i>									
	<b>277V</b>									
	XP	32-	277	4	ML-	20	300	16		
	<b>347V</b>									
	XP	32-	347	4	ML-	20	300	16		
	<b>220-240V</b>									
	XP	32-	230	4	ML-	20	300	16		
	<b>XP36</b>	<b>277V</b>								
		XP	36-	277	4	ML-	20	300	16	
		<b>347V</b>								
		XP	36-	347	4	ML-	20	300	16	
		<b>220-240V</b>								
XP		36-	230	4	ML-	20	300	16		
<b>XP40</b>		<b>277V</b>								
		XP	40-	277	4	ML-	20	300	16	
		<b>347V</b>								
		XP	40-	347	4	ML-	20	300	16	
		<b>220-240V</b>								
		XP	40-	230	4	ML-	20	300	16	
	<b>XP42</b>	<b>277V</b>								
		XP	42-	277	4	ML-	20	300	16	
		<b>347V</b>								
		XP	42-	347	4	ML-	20	300	16	
		<b>220-240V</b>								
		XP	42-	230	4	ML-	20	300	16	

**Footnotes, pg. 165**

- 1 Feed types – phase-to-neutral only. 2= 1Ø,2W; 3= 1Ø,3W; 4= 3Ø,4W; FT=Feed Through.
- 2 20/16A, 15/12A continuous load rating.

Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

- 120V/277V/347V/  
220V-240V
- 4 – 16 CIRCUITS
- WITH FEED THROUGH

Type/Source	Model No. Prefix	No. of Switching Circuits	Switching Circuit Switching Voltage	Feed Type	Maximum Feed (A)	Maximum Switched Hot Load (A)
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### Dimensions— Mini Panel

W: 15.88" (404mm)  
H: 24.50" (623mm)  
D: 4.25" (108mm)  
wt: 27 lbs (12.2kg)  
Ship wt: 30 lbs. (13.5kg)

### XP4

Available model numbers (Model No. Example: XP4-120FT)

<b>120V</b>						
XP	4-	120	FTML <sup>1</sup>	20	16	
<b>277V</b>						
XP	4-	277	FTML <sup>1</sup>	20	16	
<b>347V<sup>2</sup></b>						
XP	4-	347	FTML <sup>1</sup>	20	16	
<b>220V-240V</b>						
XP	4-	230	FTML <sup>1</sup>	16	16	

### XP8

<b>120V</b>						
XP	8-	120	FTML <sup>1</sup>	20	16	
<b>277V</b>						
XP	8-	277	FTML <sup>1</sup>	20	16	
<b>347V<sup>2</sup></b>						
XP	8-	347	FTML <sup>1</sup>	20	16	
<b>220V-240V</b>						
XP	8-	230	FTML <sup>1</sup>	16	16	

### XP12

<b>120V</b>						
XP	12-	120	FTML <sup>1</sup>	20	16	
<b>277V</b>						
XP	12-	277	FTML <sup>1</sup>	20	16	
<b>347V<sup>2</sup></b>						
XP	12-	347	FTML <sup>1</sup>	20	16	
<b>220V-240V</b>						
XP	12-	230	FTML <sup>1</sup>	16	16	

### XP16

<b>120V</b>						
XP	16-	120	FTML <sup>1</sup>	20	16	
<b>277V</b>						
XP	16-	277	FTML <sup>1</sup>	20	16	
<b>347V<sup>2</sup></b>						
XP	16-	347	FTML <sup>1</sup>	20	16	
<b>220V-240V</b>						
XP	16-	230	FTML <sup>1</sup>	16	16	

### Footnotes, pg. 166

1 FT=Feed Through only; Feed wires terminate at terminal blocks. Branch breaker protection provided by others.

2 Contact Lutron for availability.

Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

- 120V/277V/347V  
220V-240V
- 20-28 CIRCUITS
- WITH FEED THROUGH

Type/Source	Model No. Prefix	No. of Switching Circuits	Switching Circuit Switching Voltage	Feed Type	Maximum Feed (A)	Maximum Switched Hot Load (A)
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**Dimensions – Standard Panel**

W: 15.88" (404mm)  
 H: 59.50" (1514mm)  
 D: 4.25" (108mm)  
 wt: 80 lbs (37kg)  
 Ship wt: 90 lbs (41kg)

Type/Source	Model No. Prefix	No. of Switching Circuits	Switching Circuit Switching Voltage	Feed Type	Maximum Feed (A)	Maximum Switched Hot Load (A)	
<b>XP20</b>	<i>Available model numbers (Model No. Example: XP20-120FT)</i>						
	<b>120V</b>						
	XP	20-	120	FTML <sup>1</sup>	20	16	
	<b>277V</b>						
	XP	20-	277	FTML <sup>1</sup>	20	16	
	<b>347V<sup>2</sup></b>						
	XP	20-	347	FTML <sup>1</sup>	20	16	
	<b>220V-240V</b>						
	XP	20-	230	FTML <sup>1</sup>	16	16	
	<b>XP24</b>	<b>120V</b>					
		XP	24-	120	FTML <sup>1</sup>	20	16
		<b>277V</b>					
XP		24-	277	FTML <sup>1</sup>	20	16	
<b>347V<sup>2</sup></b>							
XP		24-	347	FTML <sup>1</sup>	20	16	
<b>220V-240V</b>							
XP		24-	230	FTML <sup>1</sup>	16	16	
<b>XP28</b>		<b>120V</b>					
		XP	28-	120	FTML <sup>1</sup>	20	16
		<b>277V</b>					
		XP	28-	277	FTML <sup>1</sup>	20	16
	<b>347V<sup>2</sup></b>						
	XP	28-	347	FTML <sup>1</sup>	20	16	
	<b>220V-240V</b>						
	XP	28-	230	FTML <sup>1</sup>	16	16	

**Footnotes, pg. 167**

- 1 FT=Feed Through only; Feed wires terminate at terminal blocks. Branch breaker protection provided by others.
- 2 Contact Lutron for availability.

Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

- 120V/277V/347V/  
220V-240V
- 32 – 36 CIRCUITS
- WITH FEED THROUGH

Type/Source	Model No. Prefix	No. of Switching Circuits	Switching Circuit Switching Voltage	Feed Type	Maximum Feed (A)	Maximum Switched Hot Load (A)
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Type/Source	Model No. Prefix	No. of Switching Circuits	Switching Circuit Switching Voltage	Feed Type	Maximum Feed (A)	Maximum Switched Hot Load (A)	
<b>XP32</b>	<i>Available model numbers (Model No. Example: XP32-120FT)</i>						
	<b>120V</b>						
	XP	32-	120	FTML <sup>1</sup>	20	16	
	<b>277V</b>						
	XP	32-	277	FTML <sup>1</sup>	20	16	
	<b>347V<sup>2</sup></b>						
	XP	32-	347	FTML <sup>1</sup>	20	16	
	<b>220V-240V</b>						
	XP	32-	230	FTML <sup>1</sup>	16	16	
	<b>XP36</b>	<b>120V</b>					
		XP	36-	120	FTML <sup>1</sup>	20	16
		<b>277V</b>					
XP		36-	277	FTML <sup>1</sup>	20	16	
<b>347V<sup>2</sup></b>							
XP		36-	347	FTML <sup>1</sup>	20	16	
<b>220V-240V</b>							
XP		36-	230	FTML <sup>1</sup>	16	16	

**Dimensions—  
Standard Panel**

W: 15.88" (404mm)  
 H: 59.50" (1514mm)  
 D: 4.25" (108mm)  
 wt: 80 lbs (37kg)  
 Ship wt: 90 lbs (41kg)

**Footnotes, pg. 168**

- 1 FT=Feed Through only; Feed wires terminate at terminal blocks. Branch breaker protection provided by others.
  - 2 Contact Lutron for availability.
- Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.

- 120V/277V/347V  
220V-240V
- 40 – 48 CIRCUITS
- WITH FEED THROUGH

Type/Source	Model No. Prefix	No. of Switching Circuits	Switching Circuit Switching Voltage	Feed Type	Maximum Feed (A)	Maximum Switched Hot Load (A)
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**Dimensions - Standard Panel**

W: 15.88" (404mm)  
 H: 59.50" (1514mm)  
 D: 4.25" (108mm)  
 wt: 80 lbs (37kg)  
 Ship wt: 90 lbs (41kg)

<b>XP40</b>	<i>Available model numbers (Model No. Example: XP40-120FT)</i>						
	<b>120V</b>						
	XP	40-	120	FTML <sup>1</sup>	20	16	
	<b>277V</b>						
	XP	40-	277	FTML <sup>1</sup>	20	16	
	<b>347V<sup>2</sup></b>						
	XP	40-	347	FTML <sup>1</sup>	20	16	
	<b>220-240V</b>						
	XP	40-	230	FTML <sup>1</sup>	16	16	
	<b>XP44</b>	<b>120V</b>					
		XP	44-	120	FTML <sup>1</sup>	20	16
		<b>277V</b>					
		XP	44-	277	FTML <sup>1</sup>	20	16
		<b>347V<sup>2</sup></b>					
		XP	44-	347	FTML <sup>1</sup>	20	16
		<b>220-240V</b>					
XP		44-	230	FTML <sup>1</sup>	16	16	
<b>XP48</b>	<b>120V</b>						
	XP	48-	120	FTML <sup>1</sup>	20	16	
	<b>277V</b>						
	XP	48-	277	FTML <sup>1</sup>	20	16	
	<b>347V<sup>2</sup></b>						
	XP	48-	347	FTML <sup>1</sup>	20	16	
	<b>220V-240V</b>						
	XP	48-	230	FTML <sup>1</sup>	16	16	

**Footnotes, pg. 169**

- 1 FT=Feed Through only; Feed wires terminate at terminal blocks. Branch breaker protection provided by others.
- 2 Contact Lutron for availability.

Note: Panels listed above are Lutron standard panels. Consult Lutron for additional capabilities, such as job-specific circuit requirements, 0-10V, 2Link™, Delta Power, etc.