

# Wherever There is Pro AVL . . . There is LynTec

Every power control panel LynTec has ever made is reliable, protective and brilliantly simplistic. Switching at the circuit level is our legacy. While our heritage is in venues like Madison Square Garden, the Austin City Limits Stage at the Moody Theater and the like, our future is everywhere there is amplified sound, performance lighting and distributed video to control.

## LCP LIGHTING CONTROL PANELBOARDS

### Purpose-built for lighting & video wall installations

LynTec's new LCP panel series is made for lighting and video wall applications. Based on the Square D G3 Powerlink breaker, the LCP brings you the lighting features you need with the performance that you trust. This makes the new LCP series panel one of the most cost-effective and easy-to-use power control options on the market today.



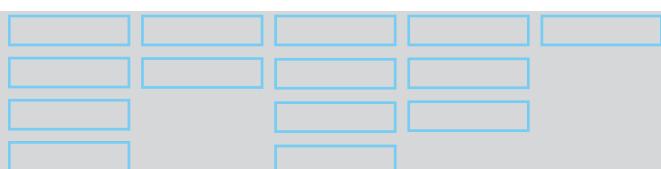
### DMX, sACN and IP-based Control at Your Fingertips

- Built-in web server with browser interface
- Set up, control and monitor via smart phone, tablet or computer
- Interface with any control system that communicates individual circuit addresses in IP, DMX-512, sACN or contact closures for light sensors, motion sensors or switch sets



### Your Systems Your Way

- Enable up to 12 zones with each zone controlled by a unique protocol
- Create up to four sets of unique DMX-512 or sACN addresses for control
- Individually control circuits using unique addresses individually assigned or control entire zones using a single DMX or sACN address to free up addresses for other uses
- UL-924 Capable for Emergency Ingress/ Egress lighting
- Built-in scheduling program with an astronomical clock that has up to 84 available schedules including Sunrise, Sunset and multiple schedules controlling individual zones for complete customization



# LynTec

LynTec.com | 800.724.4047

Power Control Simplified

139-0718-001 LCP Tech

# Fully Customizable

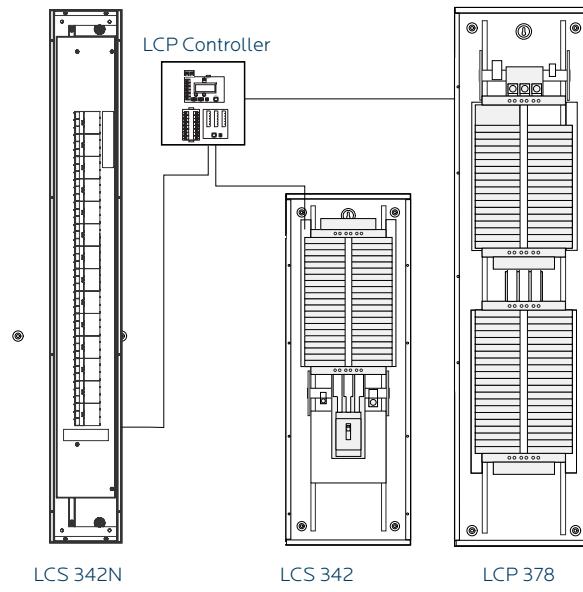
- 30-84 space, 100-600A MLO and MCB panels as well as narrow profile panels
- Motorized breakers in 15, 20 and 30 amps, 1, 2 and 3 poles
- Optional Integrated SPD and SurgeX in-panel surge elimination modules
- Based on Square D's latest generation of motorized breaker technology, each breaker is rated for 200,000 on/off/on cycles and has a mean time to failure of 900,000 on/off/on cycles
- Substantial installation labor savings over any other system available

LynTec Model	Description
<b>LCP 330</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 29 breakers, Controls up to 156 breakers. Includes LCP controller in separate enclosure.
<b>LCP 342</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 41 breakers, Controls up to 168 breakers. Includes LCP controller in separate enclosure.
<b>LCP 348</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 48 controlled circuits plus 3 uncontrolled circuits. Controls up to 162 breakers. Includes LCP controller in separate enclosure.
<b>LCP 378</b>	3Ø, 4 wire, 208Y/120Vac, 400A MLO, Holds 78 breakers, Controls up to 162 breakers. Includes LCP controller in separate enclosure. (Available in areas where NEC 2008 has been adopted.)
<b>LCS 330</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, is controlled by LCP panel.
<b>LCS 342</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 42 breakers, is controlled by LCP panel.
<b>LCS 348</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 48 controlled circuits plus 6 uncontrolled circuits; is controlled by LCP panel
<b>LCS 366</b>	3Ø, 4 wire, 208Y/120Vac, 225A MCB, Holds 66 breakers, is controlled by LCP panel.
<b>LCS 384</b>	3Ø, 4 wire, 208Y/120Vac, 400A MLO, Holds 84 breakers, is controlled by LCP panel. (Available in areas where NEC 2008 has been adopted.)

Shown: LCP 378 with LCP control module controlling two LCS 342 secondary panels.



**LCP Controller Module**



**LynTec**

[LynTec.com](http://LynTec.com) | 800.724.4047

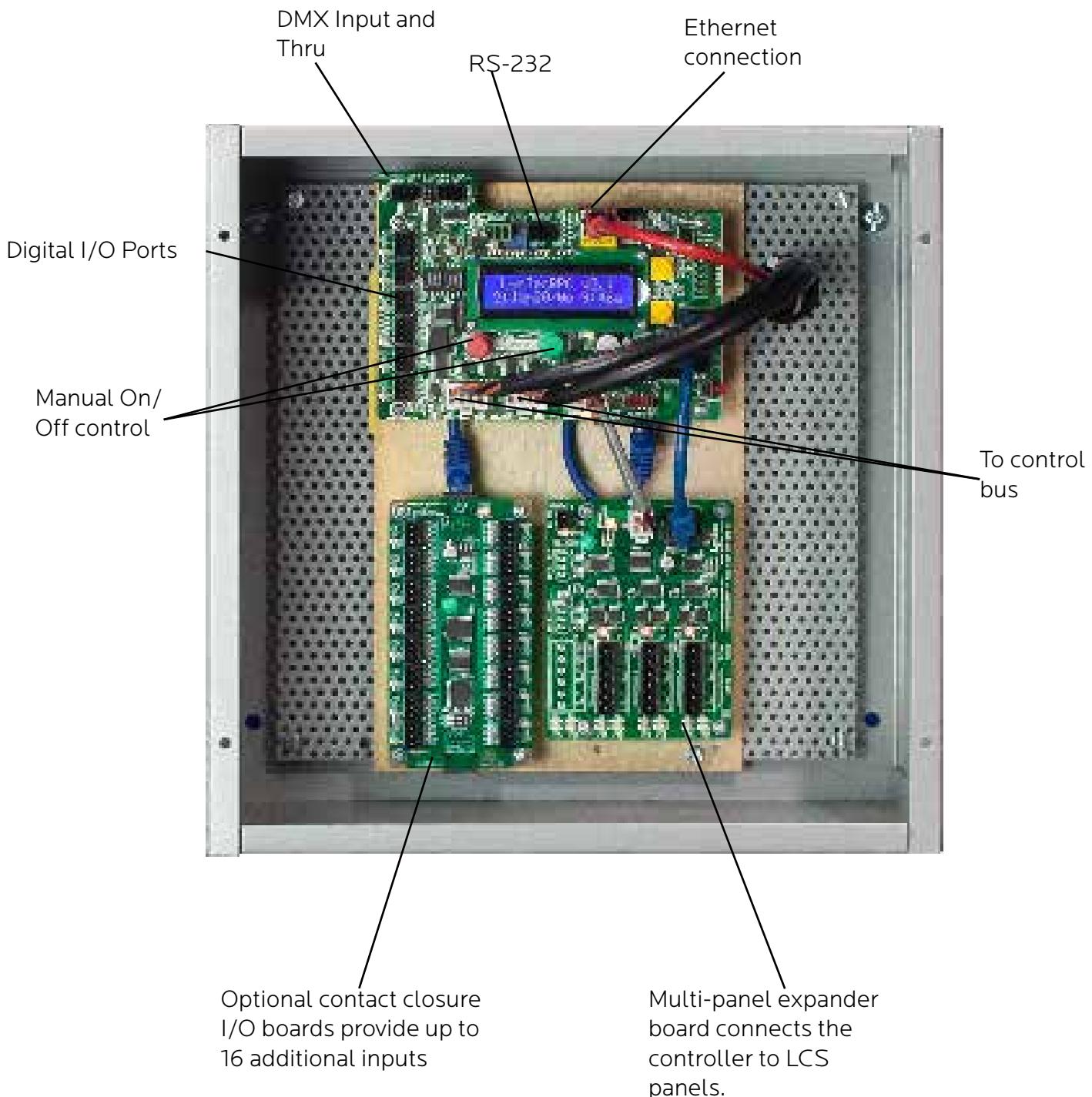
139-0718-00.2 LPC Tech

**Power Control Simplified**

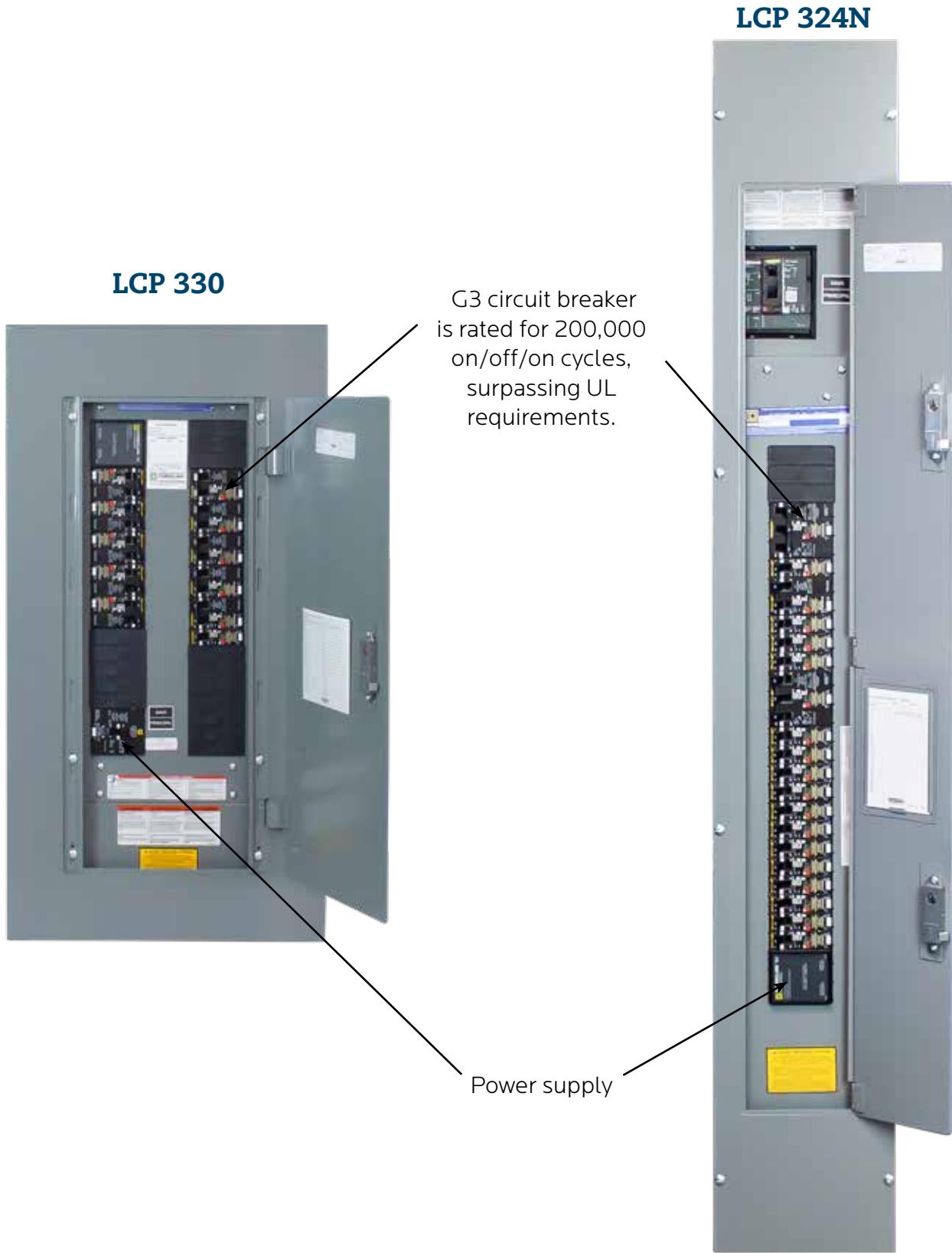
## LCP CONTROLLER

The LynTec controller increases interface options, simplifies programming, and adds remote status monitoring.

Easy setup for individual circuit control for non-dimmed lighting circuits and LED video walls.



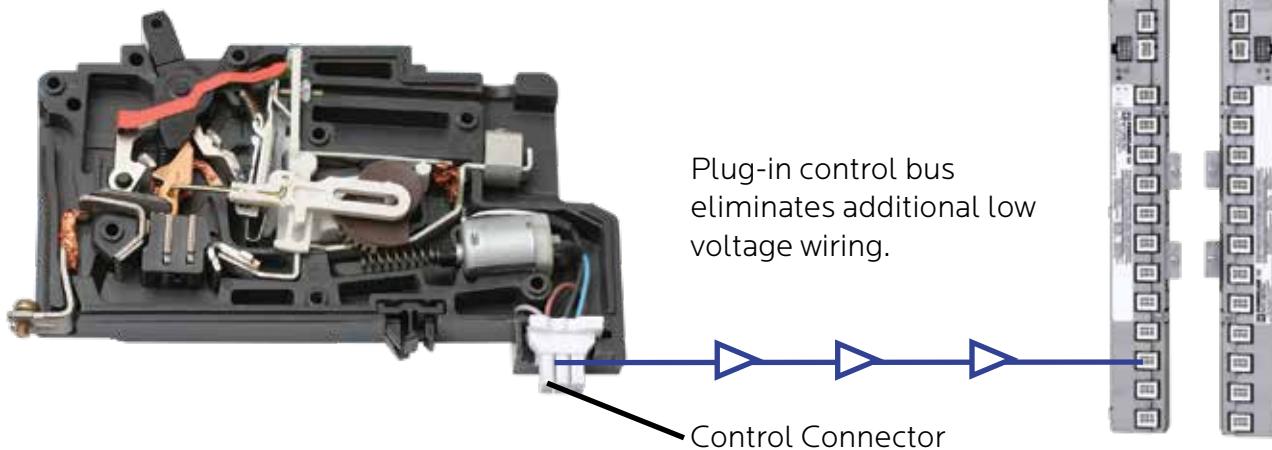
## LCP PRIMARY PANEL EXAMPLES



# SQUARE D MOTORIZED BREAKER TECHNOLOGY

Square D Powerlink G3 Control Buses provide the interface between the system controller and remotely operated circuit breakers. Specifically, they distribute 24Vdc switching power and control signals to switch remotely operated circuit breakers and report circuit breaker status back to the system controller.

Square D G3 motorized breakers are available in denominations of 15, 20 and 30 Amps in one, two or three poles. Each G3 motorized breaker requires no control wiring.



## TECHNICAL INFORMATION

### Breaker Information

Voltage	120Vac	240Vac	480/277Vac
Interrupting Capacity	65 kAIR	65 kAIR	14 kAIR
Terminals	(1) #14 - 8 AL or (1) #14 - 8 CU		
Standards	UL Listed 489, NEMA Standard AB-1-1986, CSA Standard 22.5		

### Control Bus Information

Operating Temperature (external panelboard ambient)	23°F to 104°F (-5°C to 40 °C)
Storage Temperature	-4°F to 185°F (-20°C to 85°C)
Operating Humidity	5% to 95% (non-condensing)
ESD Immunity	IEC 1000, Level 4
RF Susceptibility	IEC 1000, Level 3
Electrical Fast Transient Susceptibility	IEC 1000, Level 3
Electrical Surge Susceptibility, power line	IEC 1000, Level 4
Electrical Surge Susceptibility, interconnection lines	IEC 1000, Level 3

# MODELS AND OPTIONS

## 30 CIRCUIT PANELS

### **Master Panel:**

- LCP 330 (100A main standard, max main size 125A, MLO available)
- LCP 324N Narrow Profile (100A main standard, max main size 125A, MLO available)

### **Secondary Panels:**

- LCS 330
- LCS 330N Narrow Profile (100A main standard, max main size 125A, MLO available)

## 42 CIRCUIT PANELS

### **Master Panels:**

- LCP 342 (125A, 150A, 175A, 200A, 225A and MLO available)
- LCP 342 M400 (400A main breaker and MLO available)
- LCP 336N Narrow Profile (225A main standard, max main size 225A, MLO available)

### **Secondary Panels:**

- LCS 339 (for main breakers <100A)
- LCS 342 (100A, 125A, 150A, 175A, 200A, 225A and MLO available)
- LCS 342 M400 (400A main breaker or MLO)
- LCS 342N Narrow Profile (225A main standard, max main size 225A, MLO available)

## 48 CIRCUIT PANELS

### **Master Panel:**

- LCP 348 (125A, 150A, 175A, 200A, 225A and MLO available)
- LCP 348 M400 (400A main breaker and MLO available)

### **Secondary Panel:**

- LCS 348 (125A, 150A, 175A, 200A, 225A and MLO available)
- LCS 348 M400 (400A main breaker or MLO)

## 66 CIRCUIT PANELS

### **Secondary Panel:**

- LCS 366 (125A, 150A, 175A, 200A, 225A and MLO available)
- LCS 366 M400 (400A main breaker or MLO)

## 84 CIRCUIT PANELS

### **Master Panel:**

- LCP 378 (400A MLO)

### **Secondary Panel:**

- LCS 384 (400A MLO )

# WEB ENABLED USER INTERFACE

Every LCP controller has a web server built in, so there is no software to buy, load or program. Simply plug in a network connection to the LCP controller, take the IP code off the LCD screen, and any browser enabled device on the network can load the IP address and access the LCP user interface (provided they have the user name and password).

**CONTROL IS AS EASY AS CLICKING A BUTTON!**

Global controls allow you to easily control all breakers regardless of zone

**Relevant system information**

LynTec Power Control Simplified	Remote Power Controller (RPC-2) LynTec Demo 2/19/2021 14:59:17 Master panel temp: 73°F / 23.2°C	Hardware Version: 2.0 Firmware Version: 2 B0a Web Version: System: IOMP Enabled	Logic Core(3.3v): 3.3 V Peripherals(5.0v): 4.9 V Cap Buffer(24.0v): 24.0 V Monitored VAI: N/A	DMX512: Disabled sACN: Enabled Power Meter: Disabled SD Storage: 11%
<a href="#">Status</a> <a href="#">Control</a> <a href="#">Setup</a> <a href="#">Support</a> <a href="#">Event Log</a> <a href="#">Logout</a>				

**Global Controls**

- All Circuits On
- All Circuits Off
- Hurry-Off

**Status**

- EMER Lighting

**Circuit Legend**

Status	ON
	OFF
	TRIPPED
	MANUAL ON
	FAILURE
Controllable	ON
	OFF
	TRIPPED
Circuit Number	
Circuit Address	

**Panel: Panel A**

CIR	ADMIN	DESC	2008	CIR
1	Cooler Light	1	ON	18 Breaker 16
2	Cooler Fans	2	ON	19 Breaker 16
3	Compressor	3	ON	20 Breaker 19
4	Cooler Light	4	ON	21 Breaker 1A
5	Cooler Fans	472	ON	22 Breaker 1B
6	Compressor	473	ON	23 Breaker 1C
7	spare	474	ON	24 Breaker 1D
8	1 Elec 88	8	ON	25 Breaker 1E
9	1 Elec 89	9	ON	26 Breaker 1F
10	2 Elec 90	10	ON	27 Breaker 20
11		11	ON	28 Breaker 21
12		12	ON	29 Breaker 22
13		13	ON	30 Breaker 23
14		14	ON	31 Breaker 24
15		15	ON	32 Breaker 25
16		16	ON	33 Breaker 26
17		17	ON	34 Breaker 27
18				35 Breaker 28
19				36 Breaker 29
20				37 Breaker 2A
21			NON/EMPTY	

**Zone Control**

1	Circuit 1
2	Zone 02
3	Zone 03

Circuit address color corresponds to the assigned zone. Individually control zones by DMX, sACN, IP or contact closure

Click here to control the zone

One click individual circuit control

Multi-pole breakers

Easy to read breaker status shows if the breaker is on, off, tripped, manually overridden or failed.

Empty spaces or unmotorized breakers indicated

**I/O Trigger Controls**

ADMIN	CIR	ADMIN	CIR
ON	159 Contactor#1 on	1	ON
ON	170 Contactor#1 off	2	ON
ON	171 Contactor#2 on	3	ON
ON	172 Contactor#2 off	4	ON
ON	173 Contactor#3 on	5	ON
ON	174 Contactor#3 off	6	ON
ON	175 Contactor#4 on	7	ON
ON	176 Contactor#4 off	8	ON
		177 CC 31	1
		178 CC 32	2
		179 CC 33	3
		180 CC 34	4
		181 CC 35	5
		182 CC 36	6
		183 CC 37	7
		184 CC 38	8

External devices can be integrated into the LCP interface using the I/O board

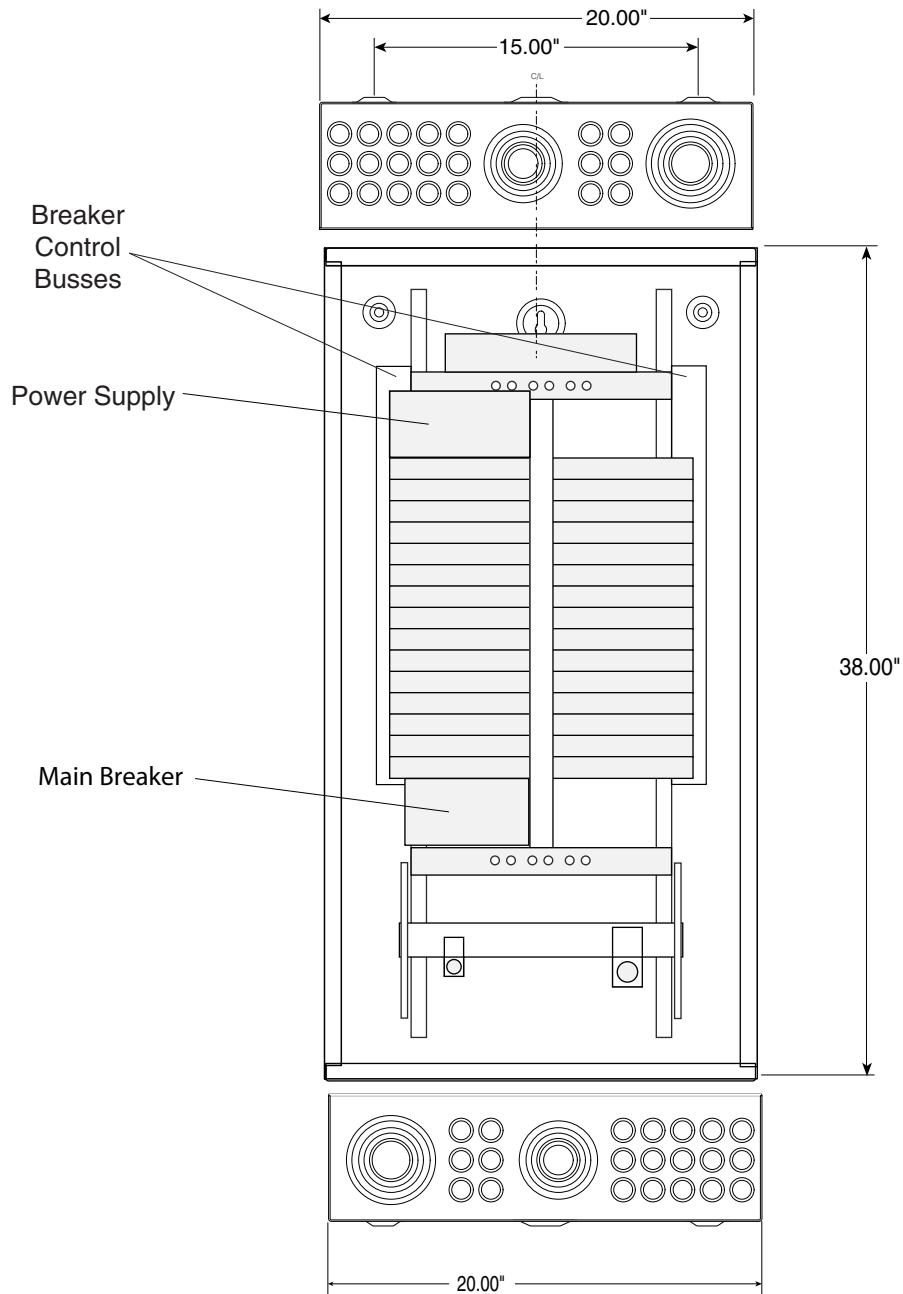
# LCP USER INTERFACE SETUP PAGE

Setting up global commands, circuit zones, sequencing queues, schedules etc. is so simple with the LCP interface that no commissioning is required by the factory. Watch our set-up videos and you're certified! All of the set up commands are clicking boxes and picking out options from drop-down menus. Here are a few examples from our setup/panels page.

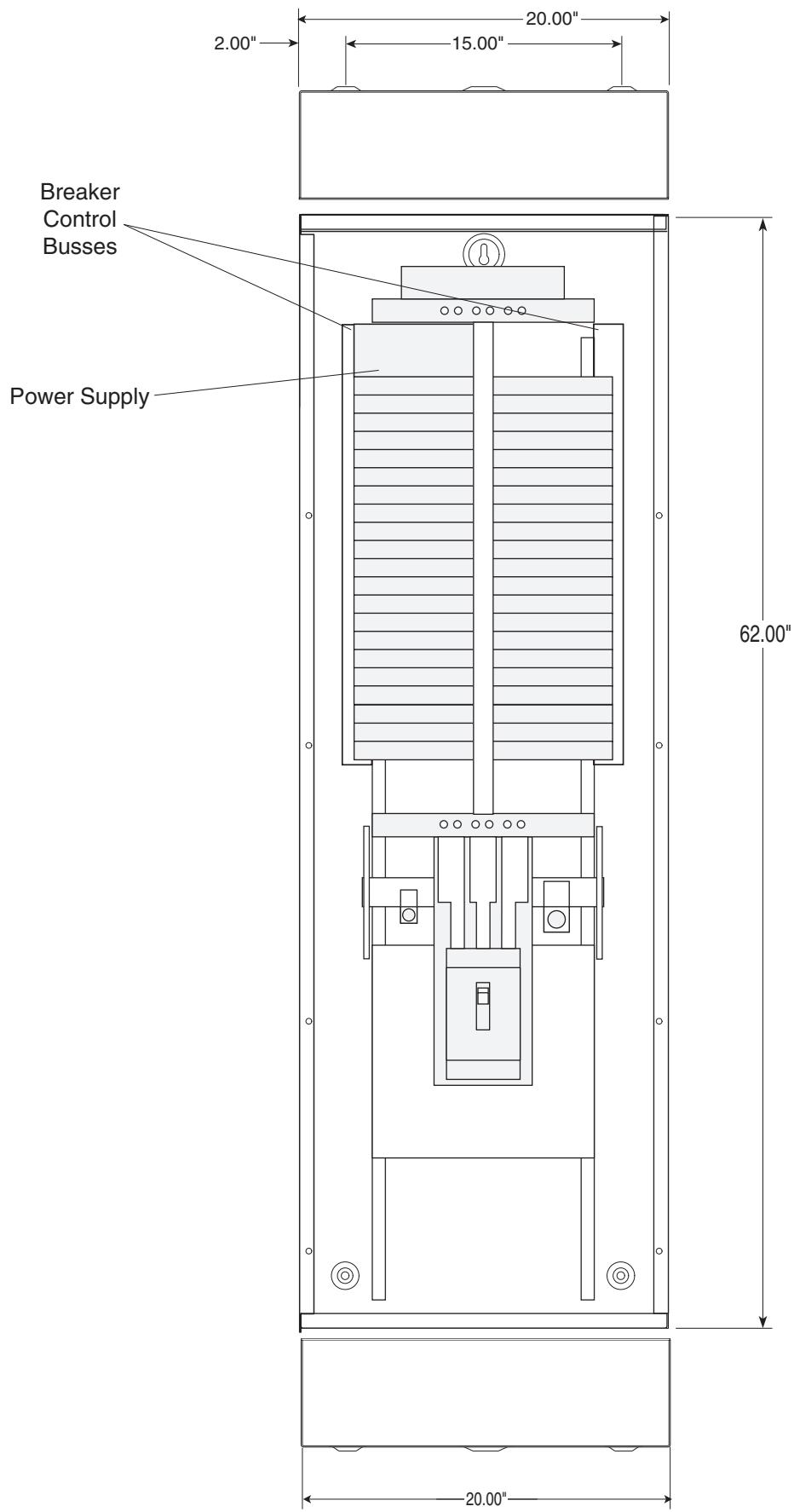
The screenshot shows the LynTec LCP User Interface with several annotated sections:

- One click saves changes**: Points to the "Save Changes" button in the top left corner of the main panel.
- Choose the numbering and addressing scheme to fit your design**: Points to the "Circuit Numbering" and "Addressing Scheme" sections on the left.
- Select which global controls and emergency features to utilize**: Points to the "Global Controls" and "Emergency Features" checkboxes.
- Editable text fields**: Points to the "Panel A" and "Desc: 1-Jan-21" text input fields.
- Choose which breakers turn on in the event of an emergency**: Points to the "Zone Control" table where breakers are assigned to zones.
- Zones can be assigned to contact closers or schedules**: Points to the "Options" column in the "Zone Control" table.
- Add breakers to a zone by clicking the "Edit Zone" button and then clicking the breaker**: Points to the "Edit Zone" button in the "Zone Control" table.
- Enable up to 12 zones**: Points to the "Zone 12" row in the "Zone Control" table.
- External devices may be assigned to zones just like breakers**: Points to the "IOR Trigger Controls" table where external devices are assigned to zones.

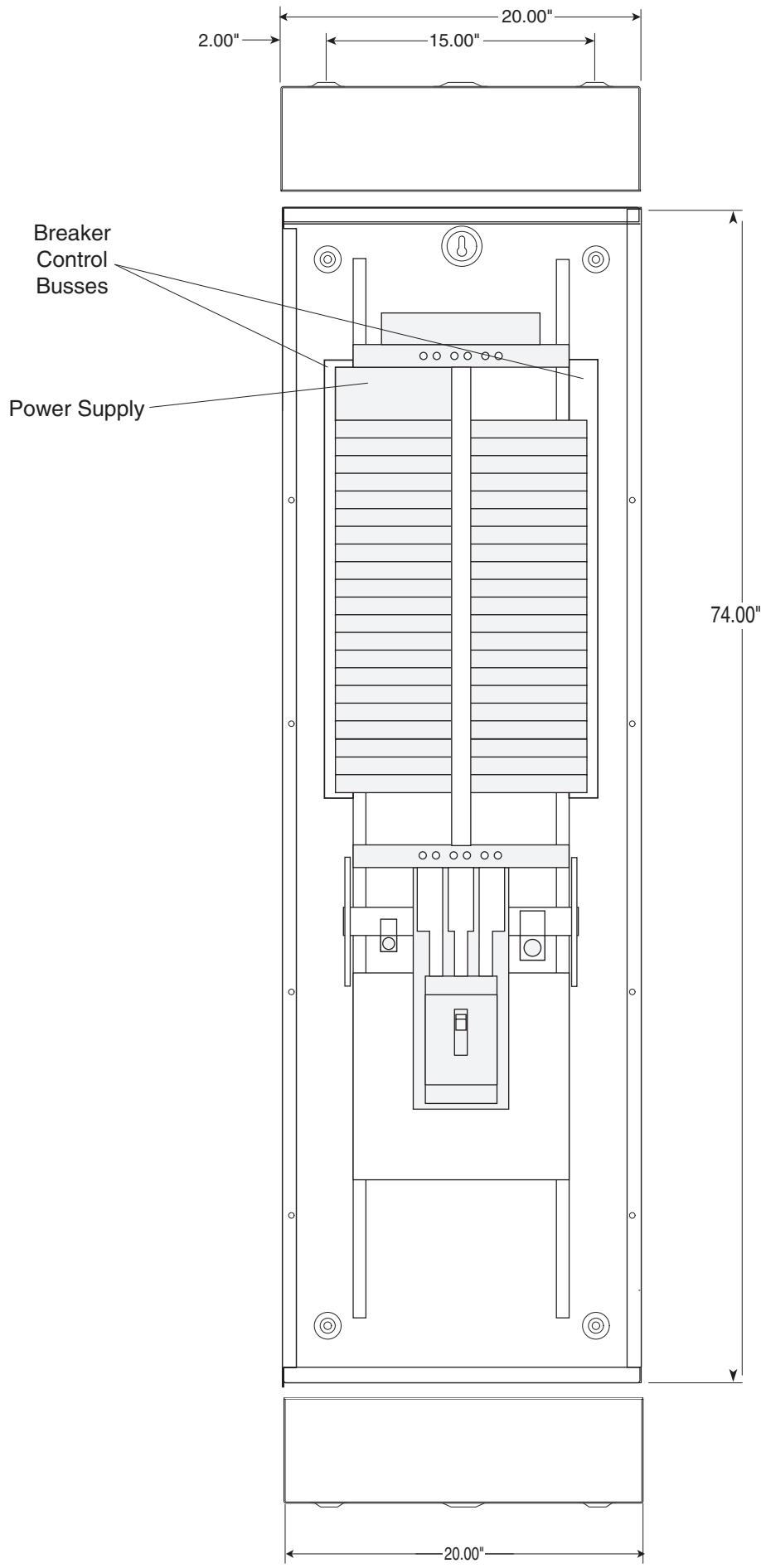
# LynTec LCP 330 Mechanical



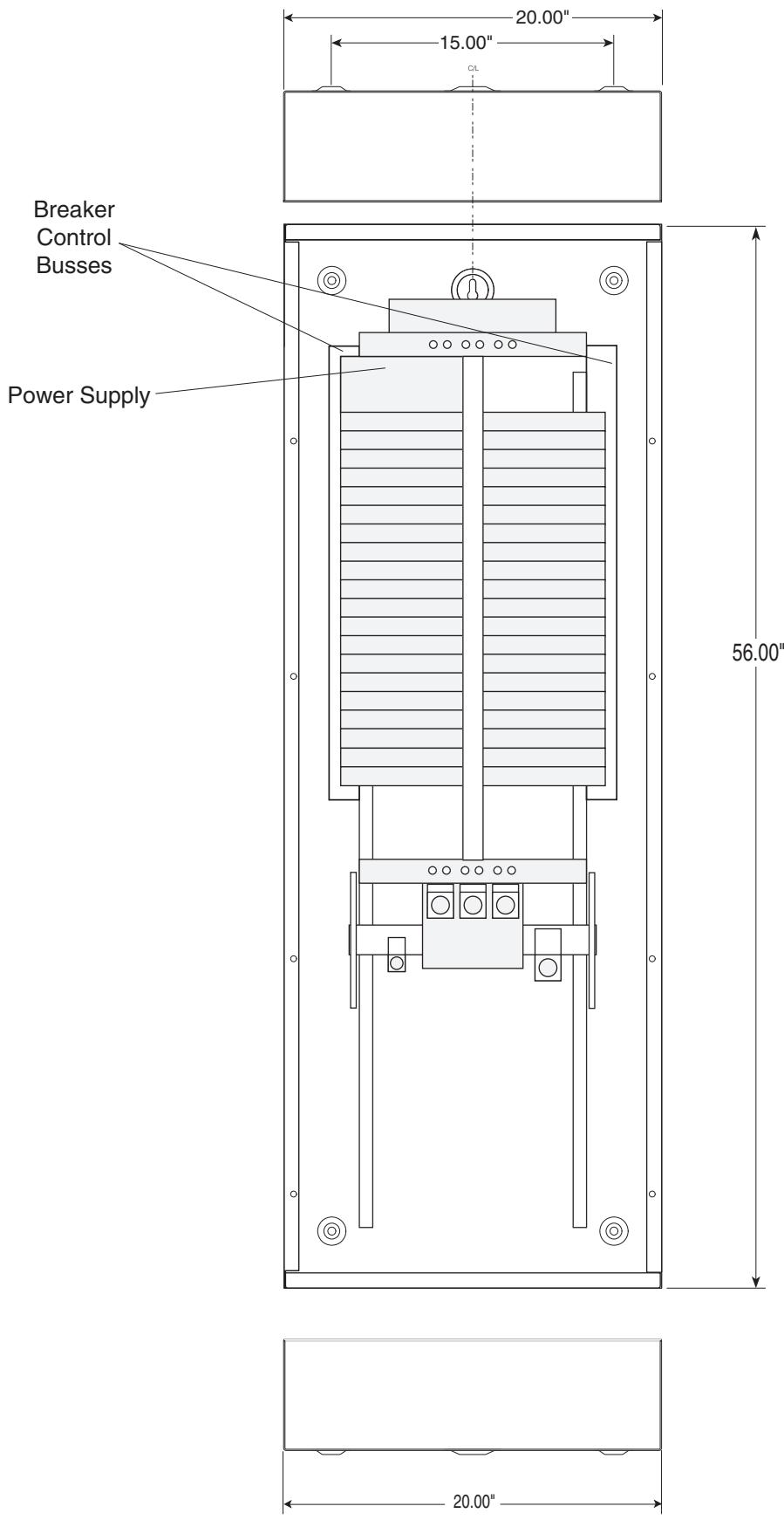
# LynTec LCP 342 Mechanical



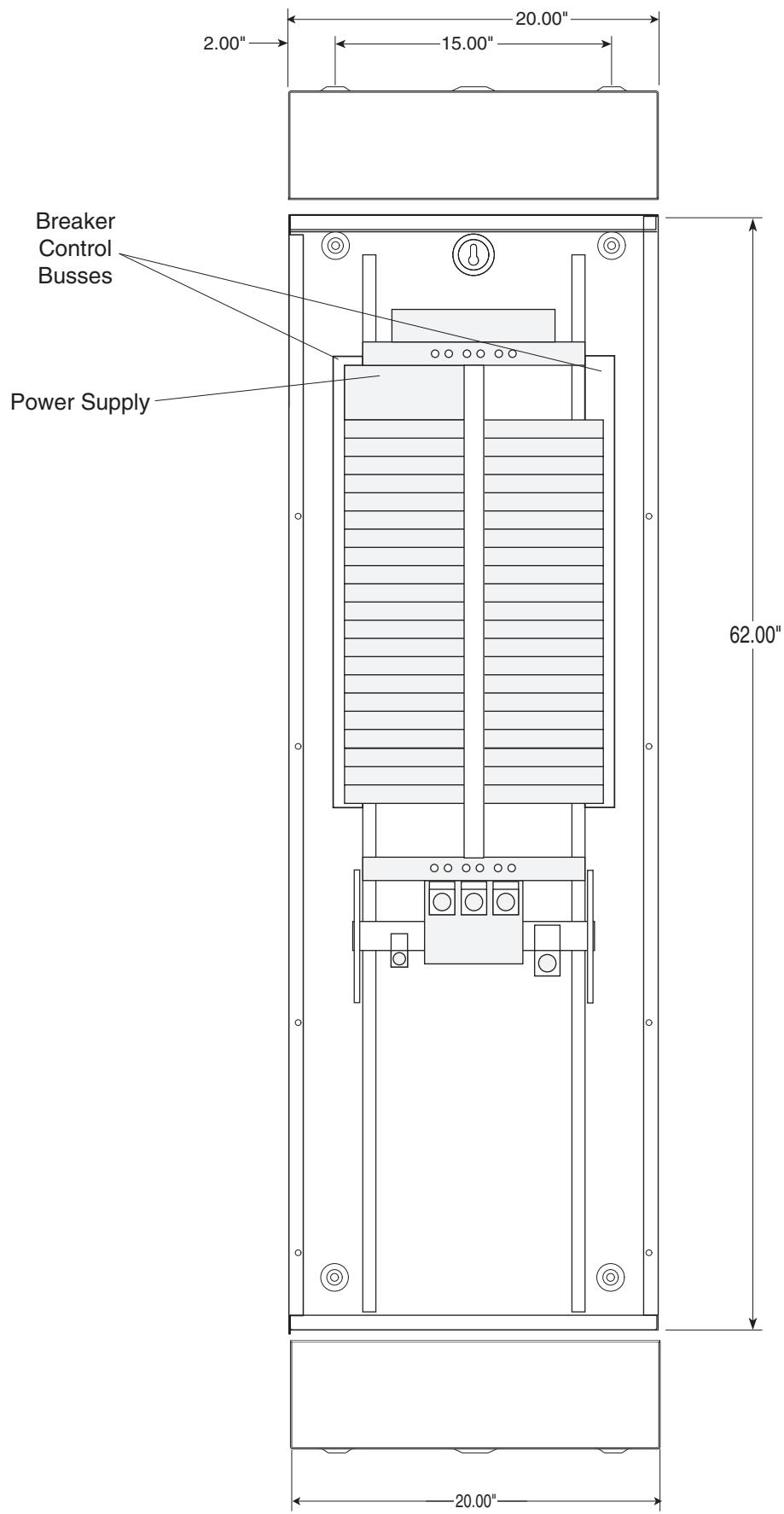
# LynTec LCP 342 M400 Mechanical



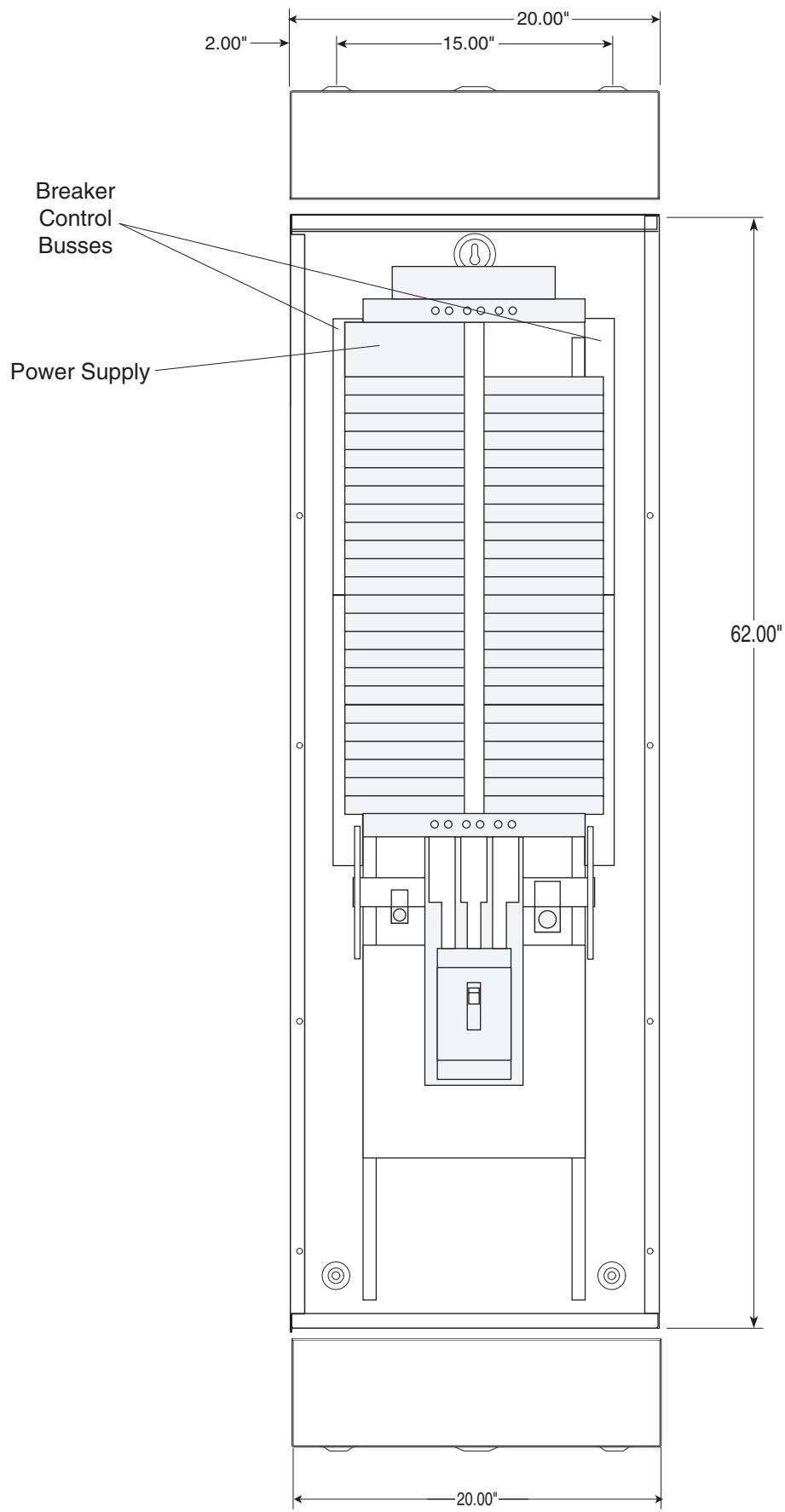
# LynTec LCP 342 MLO Mechanical



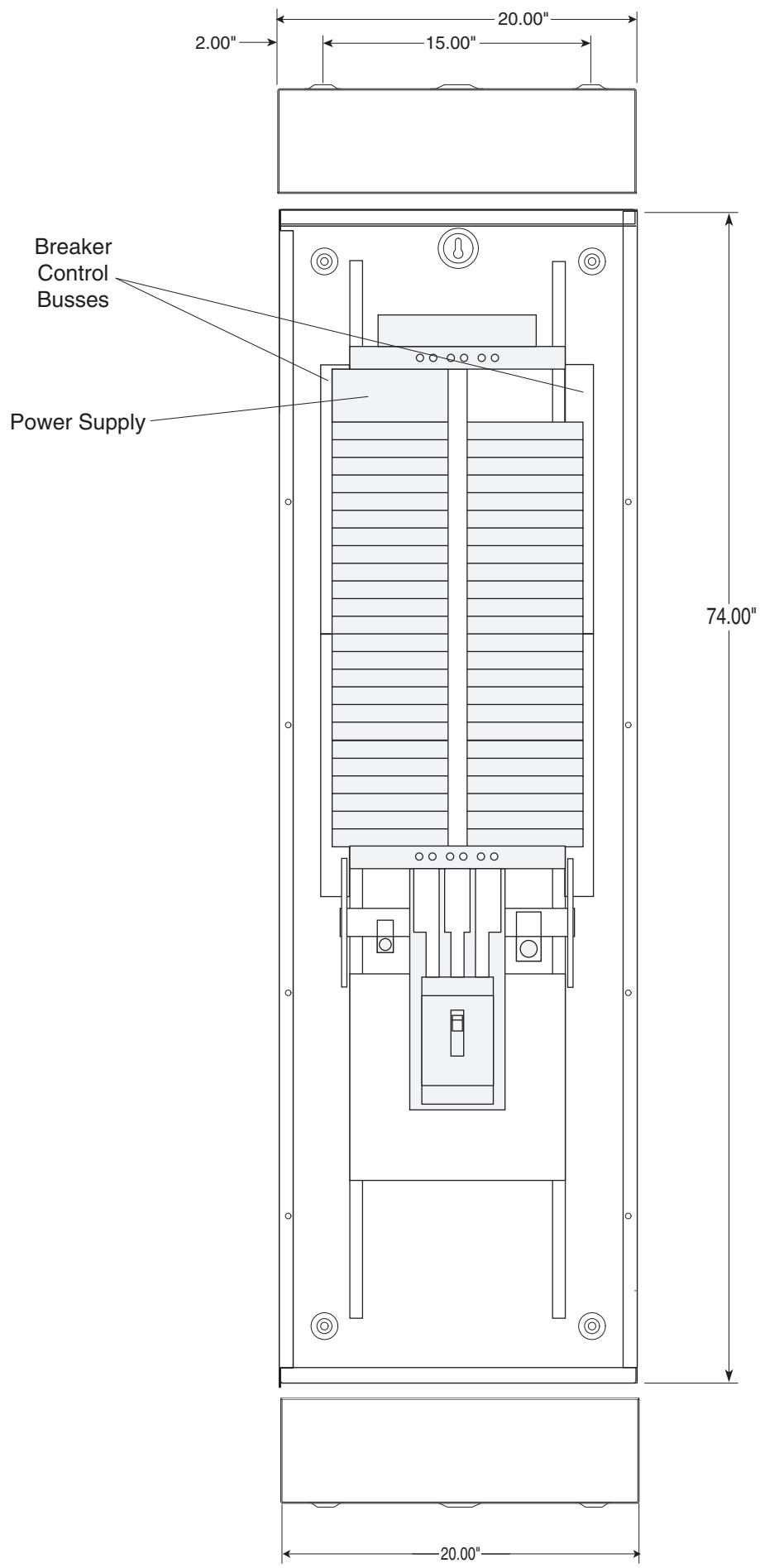
# LynTec LCP 342 MLO 400 Mechanical



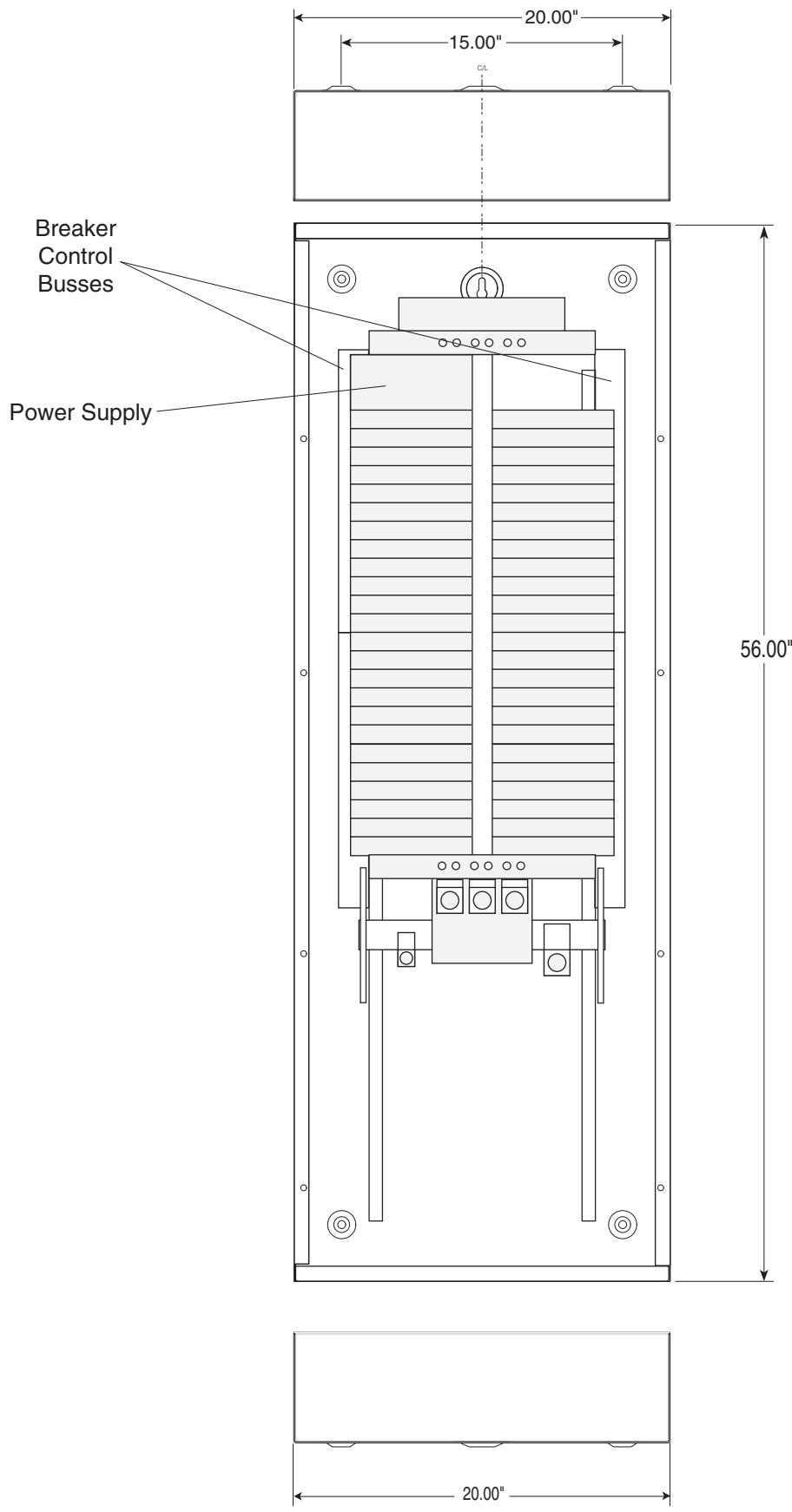
# LynTec LCP 348 Mechanical



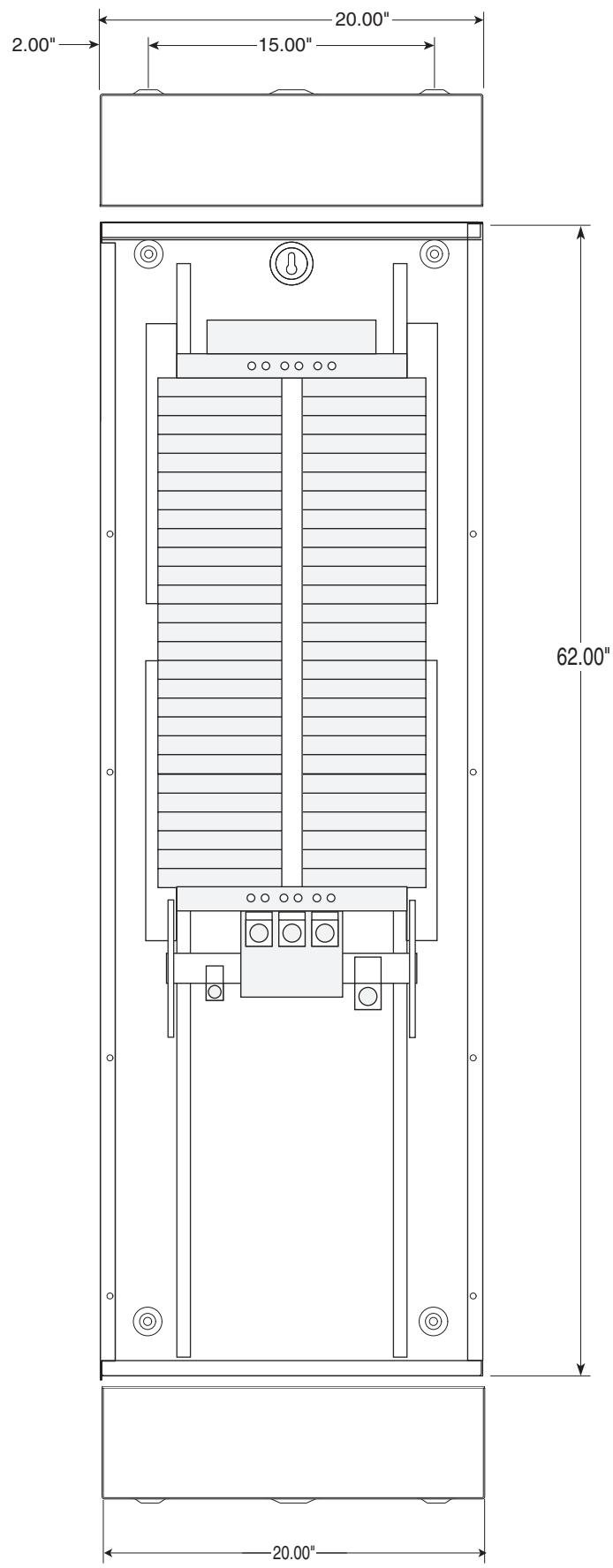
# LynTec LCP 348 M400 Mechanical



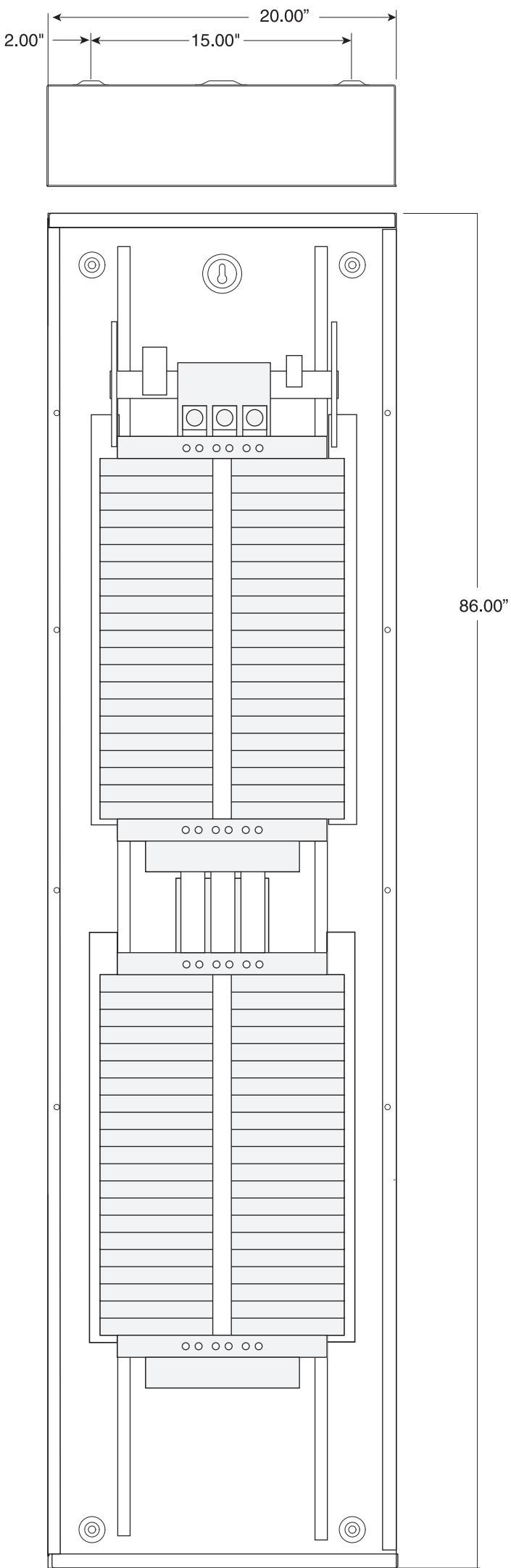
# LynTec LCP 348 MLO Mechanical



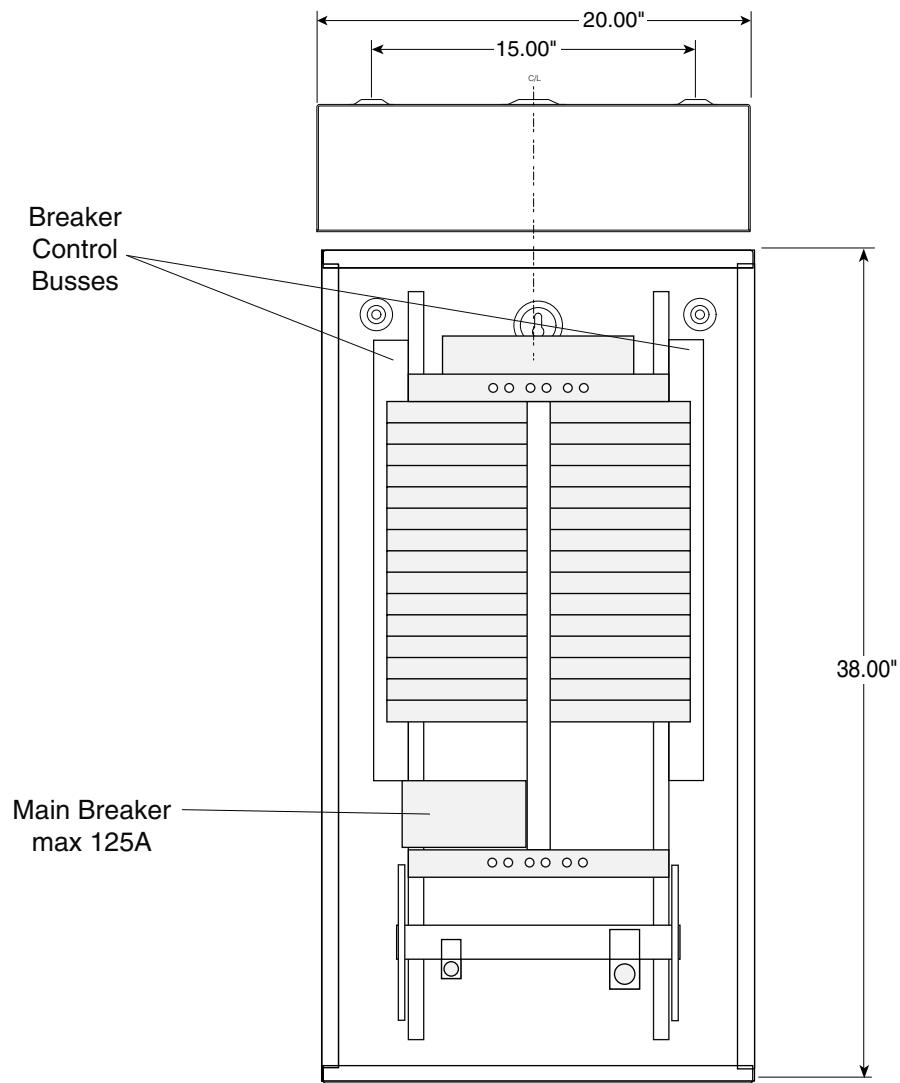
# LynTec LCP 348 MLO 400 Mechanical



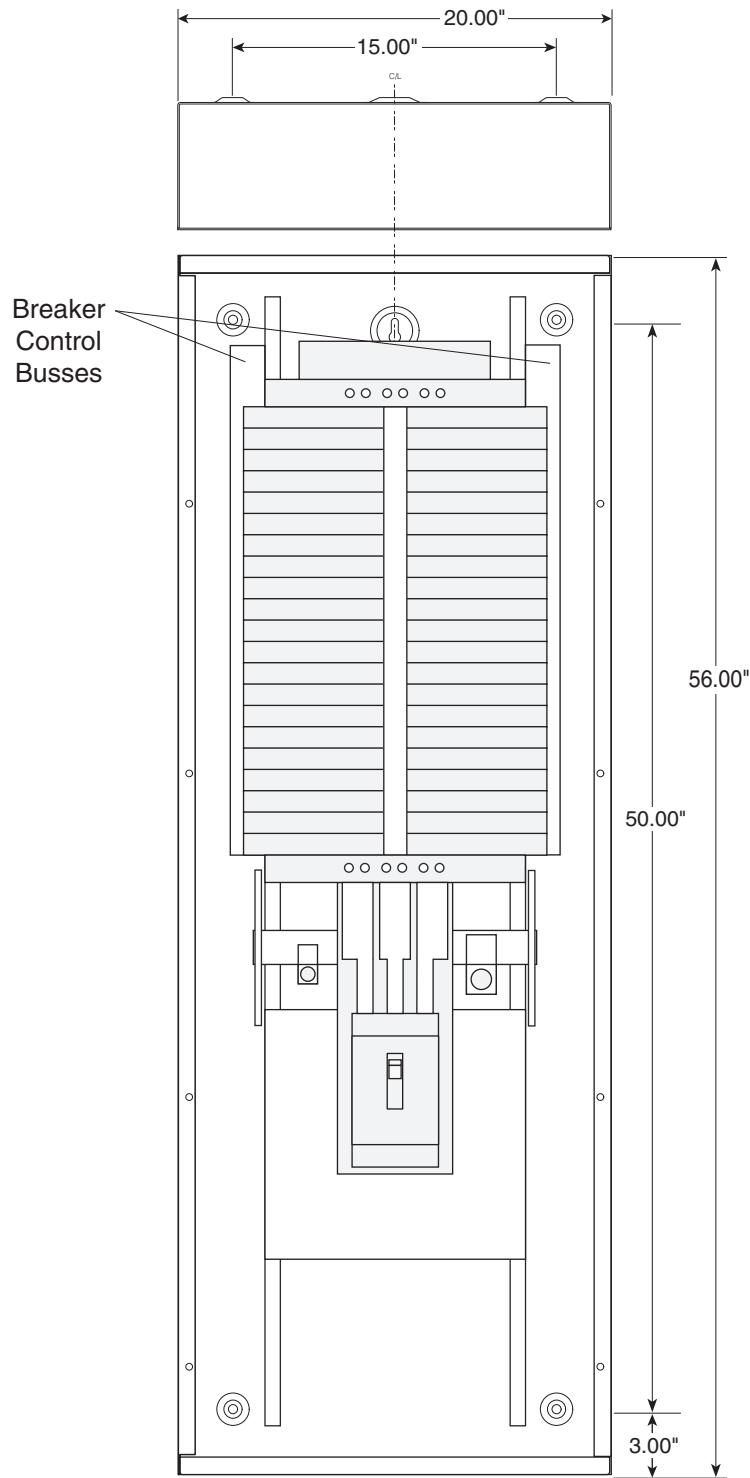
# LynTec LCP 378 Mechanical



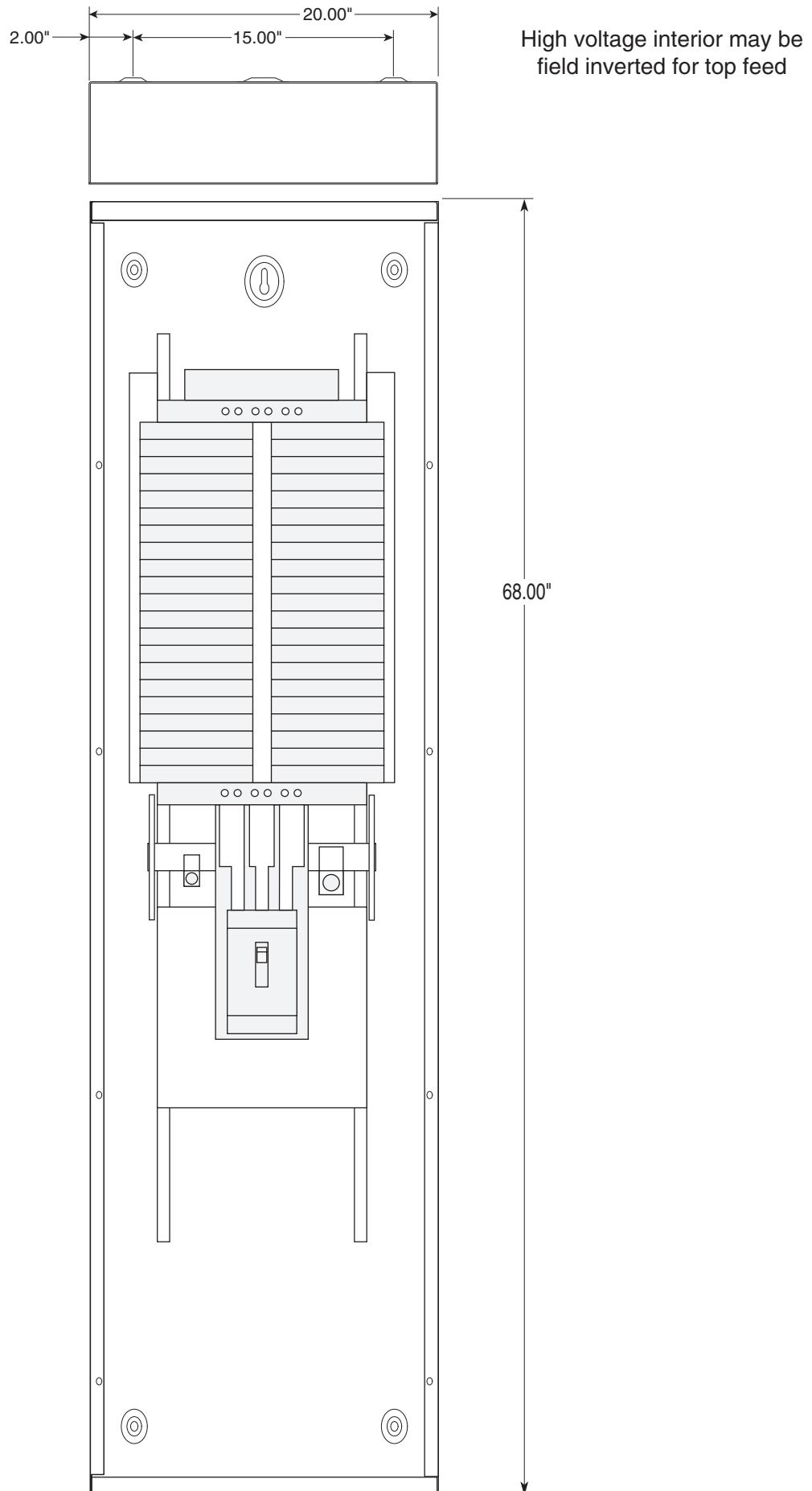
# LynTec LCS 330 Mechanical



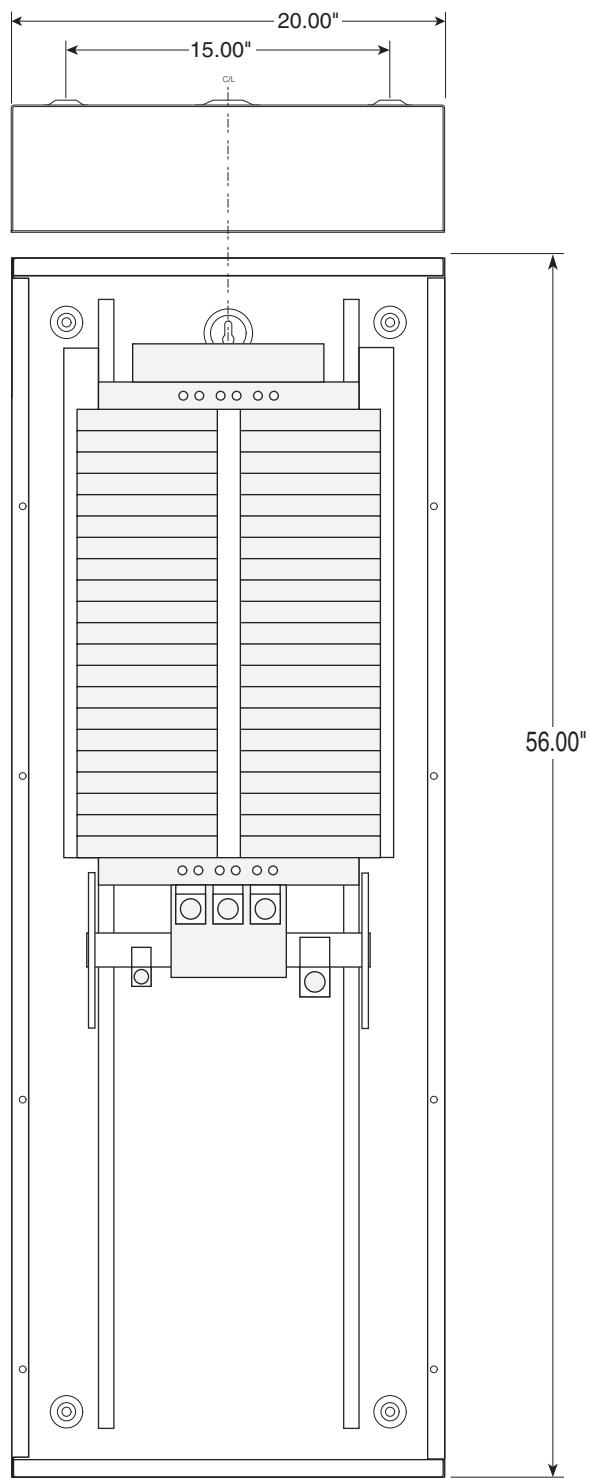
# LynTec LCS 342 Mechanical



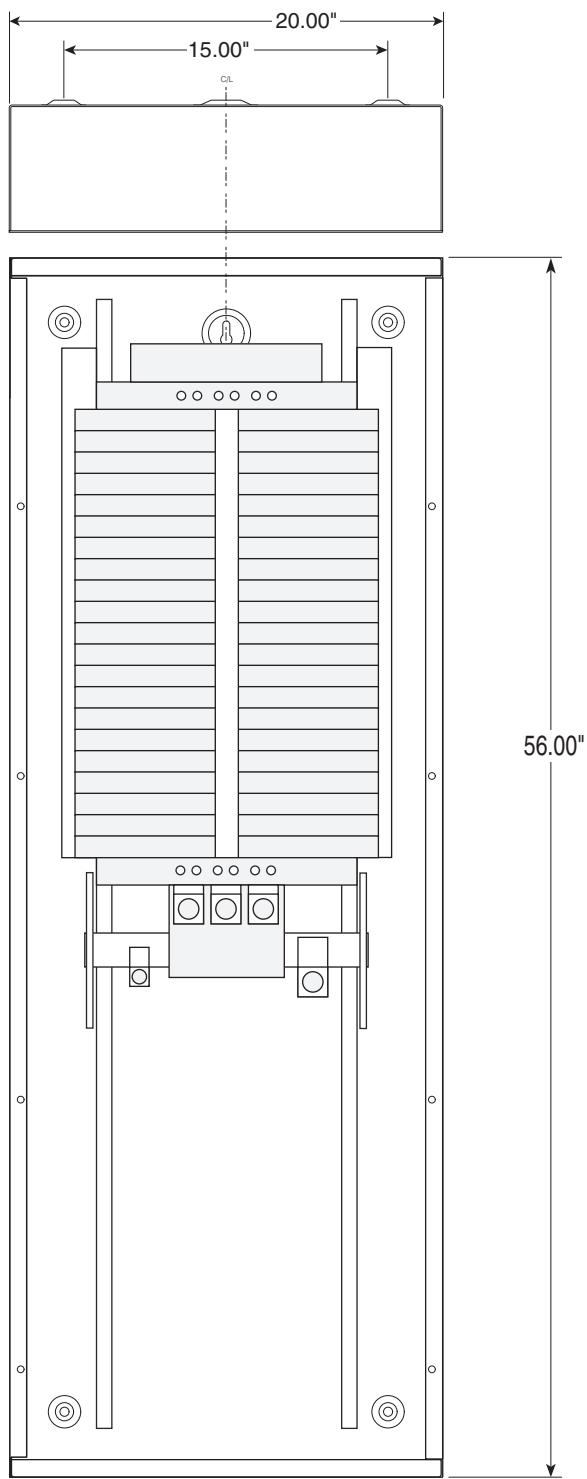
# LynTec LCS 342 M400 Mechanical



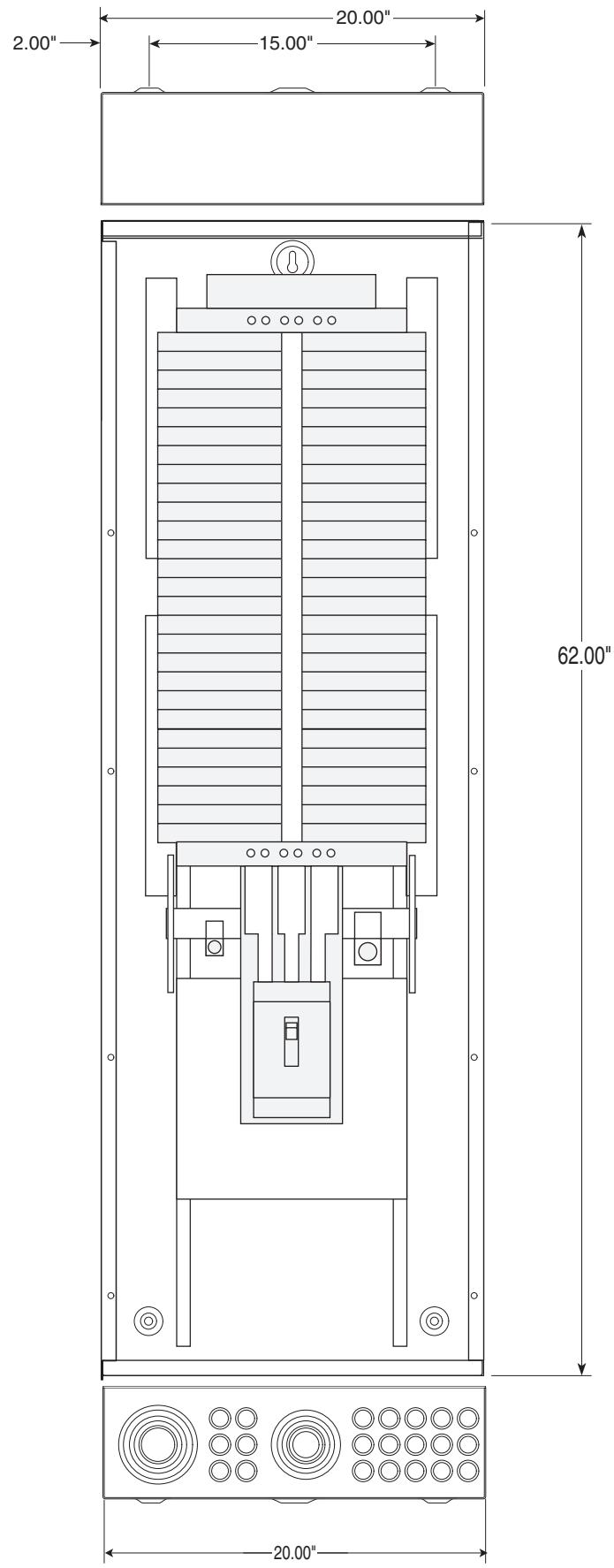
# LynTec LCS 342 MLO Mechanical



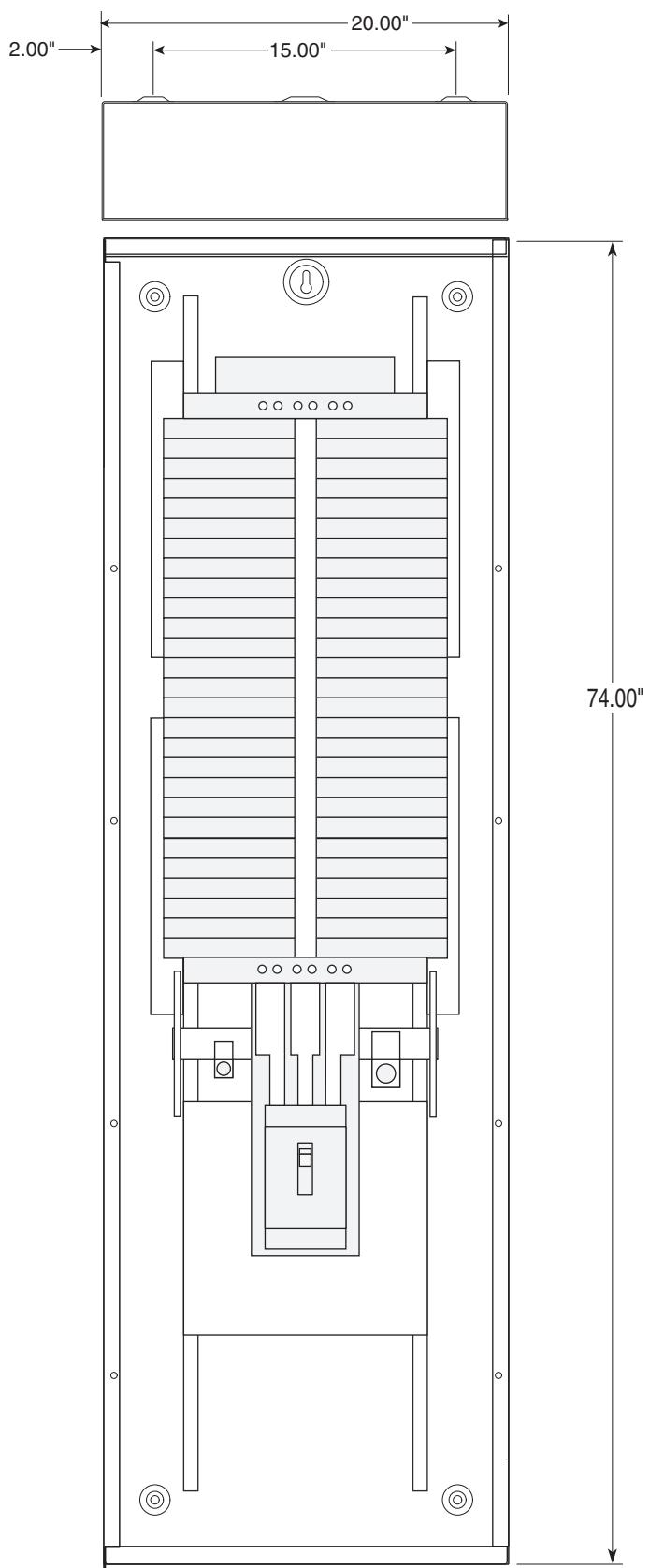
# LynTec LCS 342 MLO 400 Mechanical



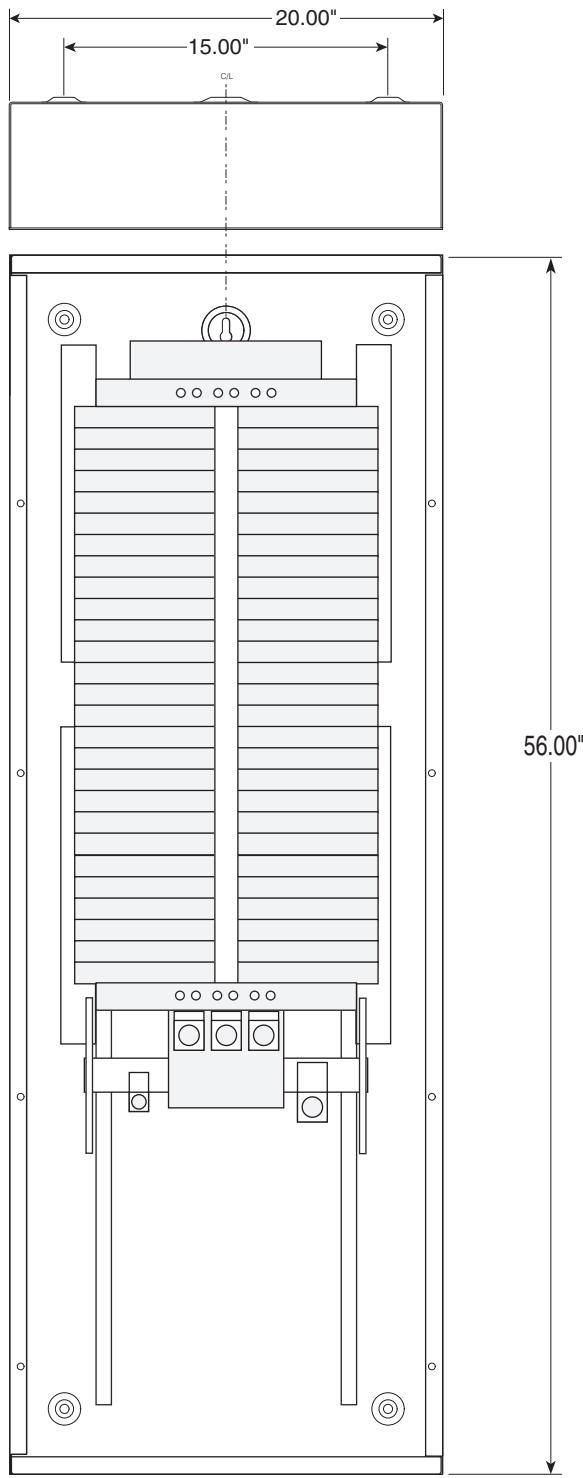
# LynTec LCS 348 Mechanical



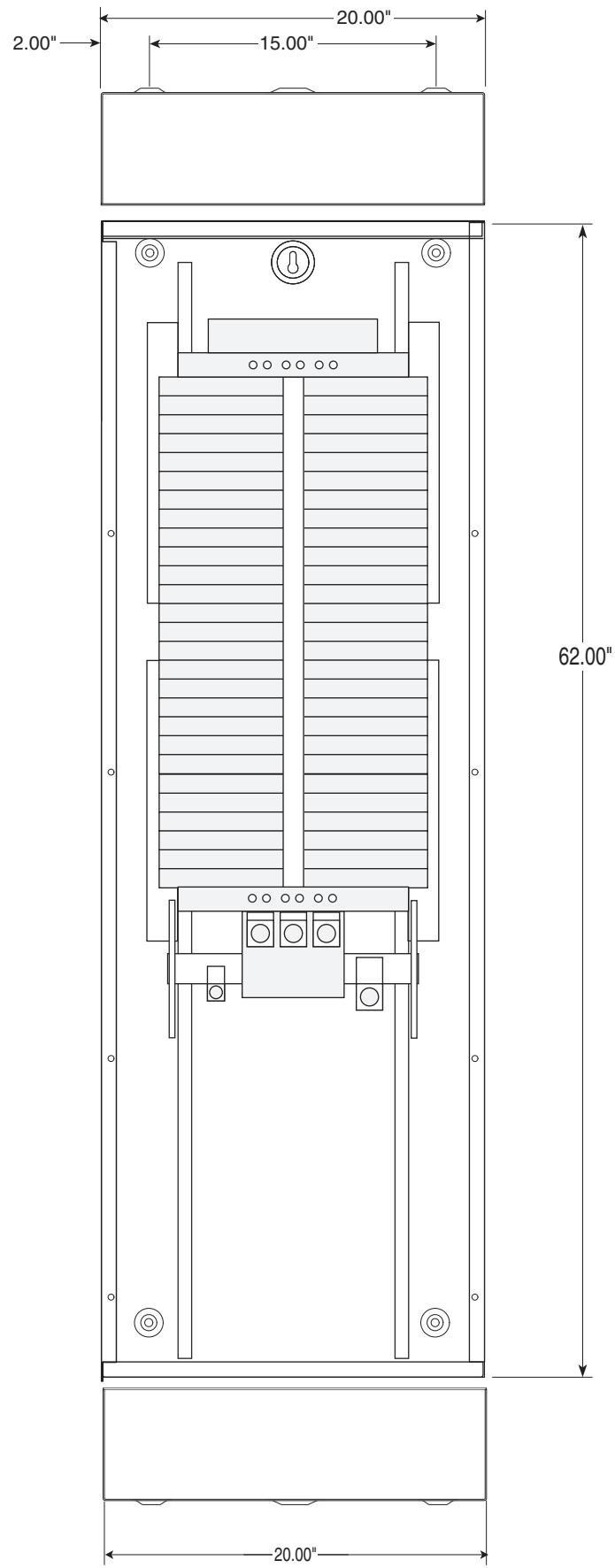
# LynTec RPS 348 M400 Mechanical



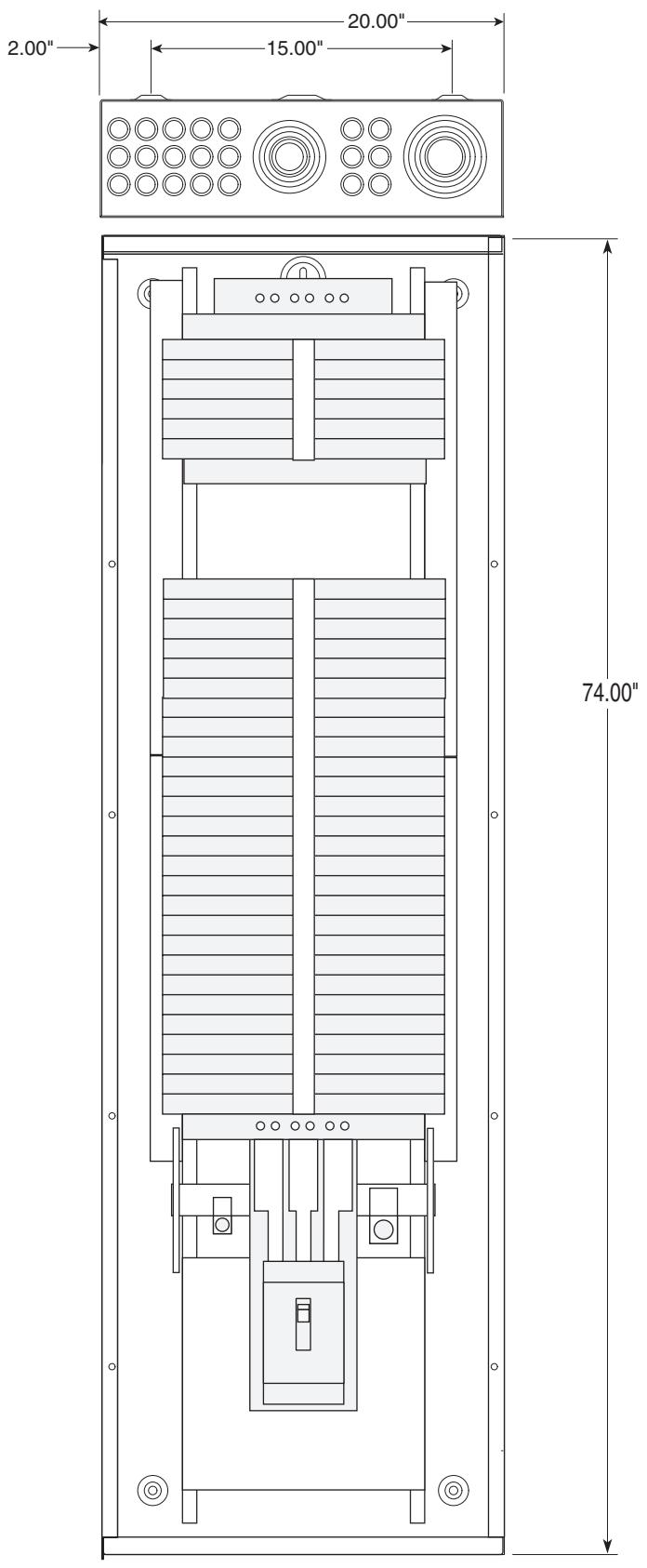
# LynTec LCS 348 MLO Mechanical



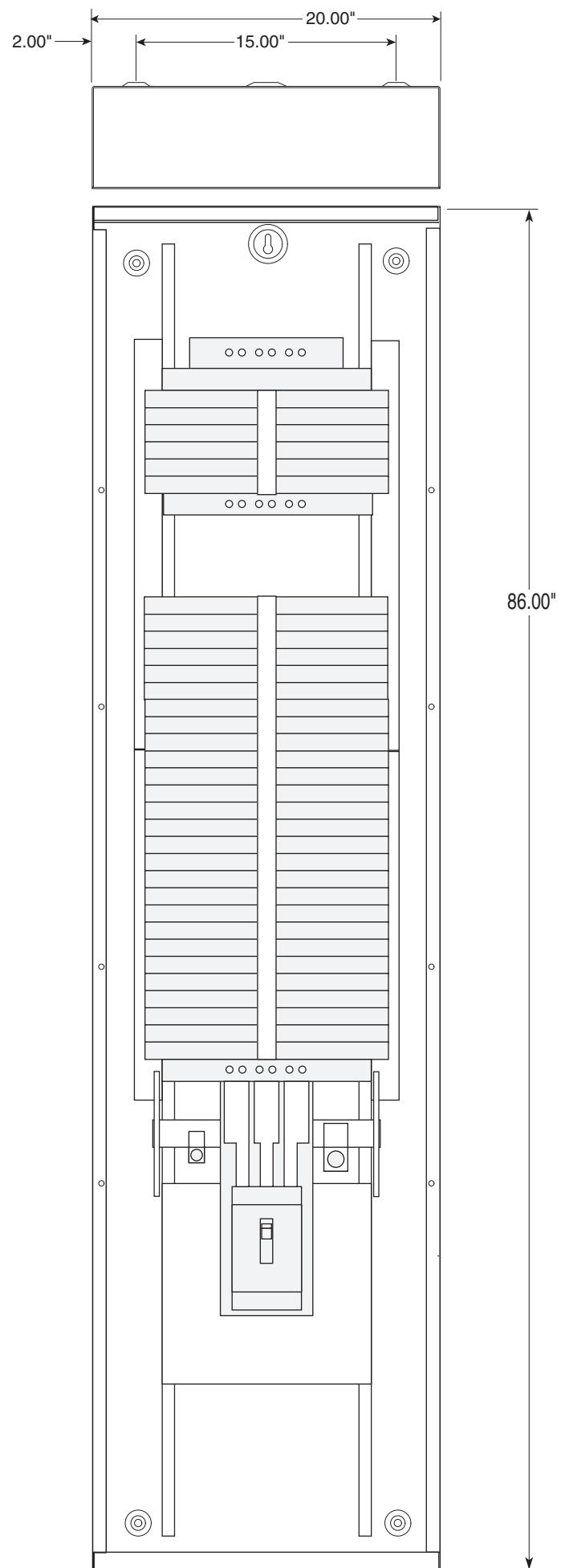
# LynTec LCS 348 MLO 400 Mechanical



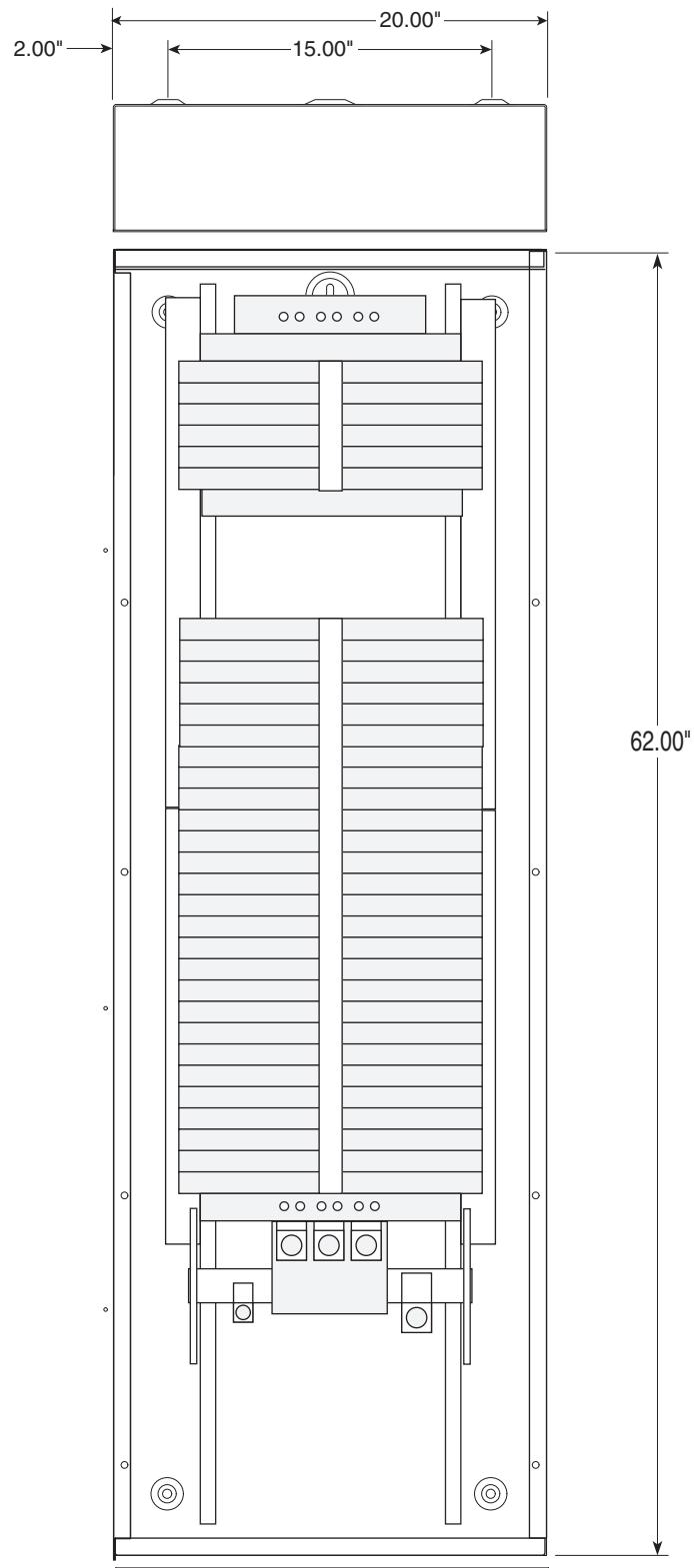
# LynTec LCS 366 Mechanical



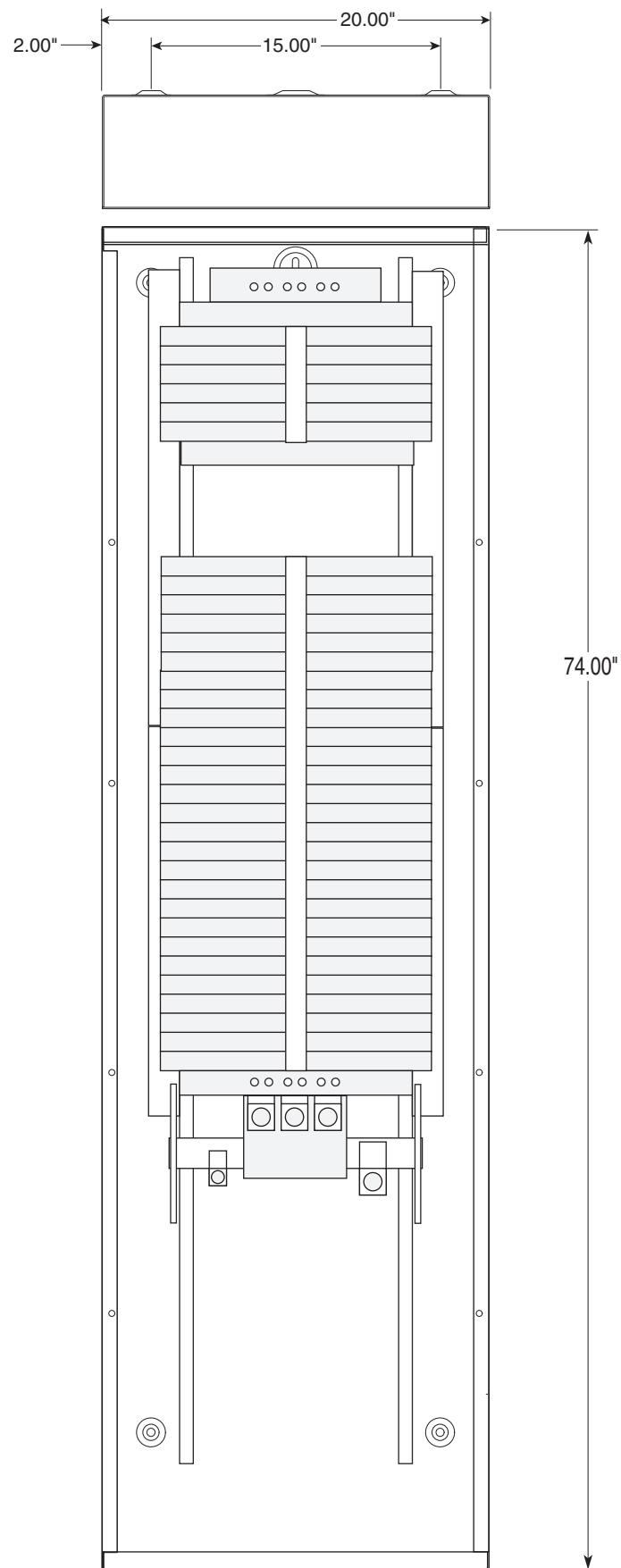
# LynTec LCS 366 M400 Mechanical



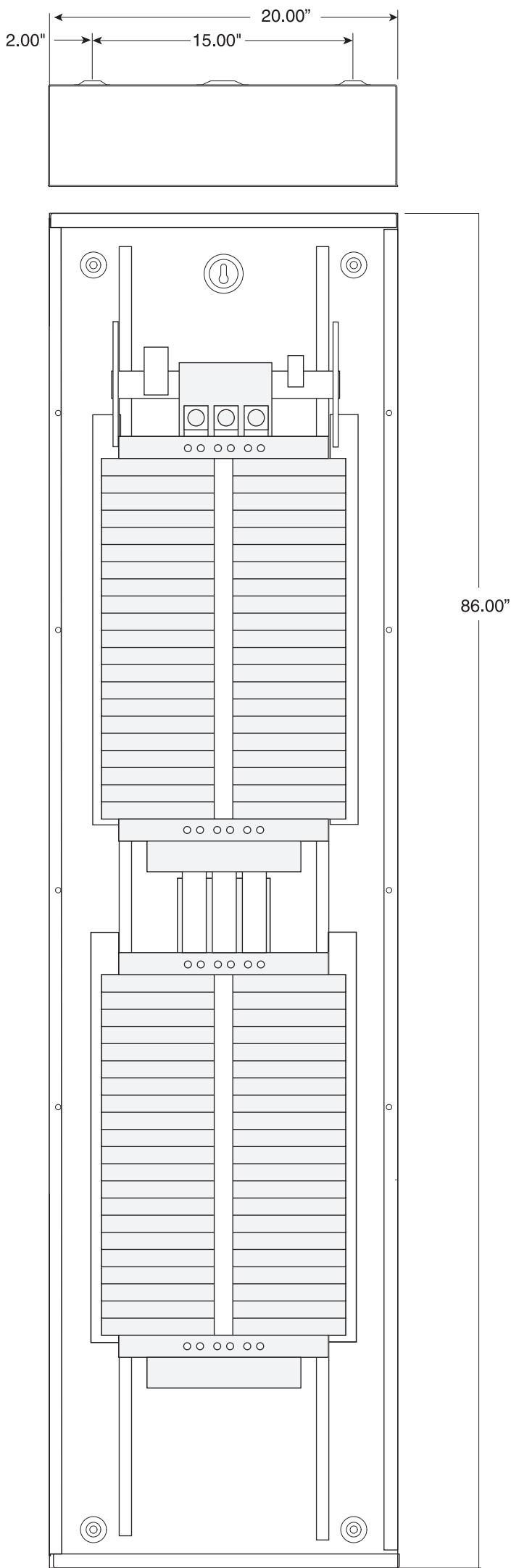
# LynTec LCS 366 MLO Mechanical



# LynTec LCS 366 MLO 400 Mechanical



# LynTec LCS 384 400A MLO Mechanical





## Selection Information

H- and J- frame Thermal-magnetic Molded Case  
150 and 250 Ampere Frame — Class 611

150 A H-frame				250 A J-frame			
				<b>LynTec</b> <b>LCP341-xx</b> <b>MSP 341-xx</b> Main breaker suffix  <b>-MHG3110 = 110 A</b> <b>-MHG3125 = 125 A</b>  Special Order Option <b>NCNR</b> Non Cancellable			
Circuit Breaker Type	HD	HG	HJ	HL	JD	JG	JJ
Number of Poles	2,3	2,3	2,3 ■	2,3 ■	2,3 ■	2,3 ■	2,3 ■
Current Range	15–150 A	15–150 A	15–150 A	15–150 A	150–250 A	150–250 A	150–250 A
<b>Interrupting Ratings</b>							
UL/ CSA/ NOM 50/60 Hz	240 V	25	65	100	125	25	65
	480Y/277 Vac	18	35	65	100	18	35
	480 Vac	18	35	65	100	18	35
	600Y/347 Vac	14	18	25	50	14	18
	600 Vac	14	18	25	50	14	18
DC Ratings	125/250 Vdc	20	20	20	20	20	20
	500 Vdc	TBD	TBD	TBD	TBD	TBD	TBD
IEC 947-2 Icu/lcs	220/240 Vac	25/25	65/65	100/100	125/125	25/25	65/65
	380/415 Vac	18/18	35/35	65/65	100/100	18/18	35/35
	500/525 Vac	14/14	18/18	25/25	50/50	14/14	18/18
<b>Special Ratings</b>							
Fed. Specs W-C-375B/GEN	✓	✓	✓	✓	✓	✓	✓
HACR (2, 3-pole)	✓	✓	✓	✓	✓	✓	✓
<b>Connections/Terminations</b>							
Unit Mount	✓	✓	✓	✓	✓	✓	✓
I-Line®	✓	✓	✓	✓	✓	✓	✓
Rear Connection	✓▲	✓▲	✓	✓	✓	✓	✓
Drawout	✓▲	✓▲	✓	✓	✓	✓	✓
Optional Lugs	✓▲	✓▲	✓	✓	✓	✓	✓
Unit Mount	✓	✓	✓	✓	✓	✓	✓
<b>Accessories and Modifications</b>							
Shunt Trip	✓	✓	✓	✓	✓	✓	✓
Undervoltage Trip	✓	✓	✓	✓	✓	✓	✓
Auxiliary Switches	✓	✓	✓	✓	✓	✓	✓
Alarm Switch	✓	✓	✓	✓	✓	✓	✓
Motor Operator	✓▲	✓▲	✓	✓	✓	✓	✓
Handle Operators	✓▲	✓▲	✓	✓	✓	✓	✓
Handle Padlock Attachment	✓▲	✓▲	✓	✓	✓	✓	✓
Handle Mechanical Interlocks	✓▲	✓▲	✓	✓	✓	✓	✓
Optional GF Protection	...	...	...	...	...	...	...
<b>Trip System Type</b>							
Thermal-magnetic	✓	✓	✓	✓	✓	✓	✓
Instantaneous-only (MCP)	...	...	...	...	...	...	...
Molded Case Switch (Automatic)	✓	✓	✓	✓	✓	✓	✓
Electronic	...	...	...	...	...	...	...
<b>Dimensions</b>							
Dimensions (3P Unit Mount)	Height IN (mm)	6.4 (163)			7.5 (191)		
	Width IN (mm)	4.1 (104)			4.1 (104)		
	Depth IN (mm)	3.4 (86)			3.4 (86)		

▲ Not available in HD and HG two-pole rating (2-pole module)

■ 2-pole in a 3-pole module.

12/01/05

## For Branch Breaker Series Ratings

see [http://www.lyntec.com/139-0407\\_Series\\_Ratings.pdf](http://www.lyntec.com/139-0407_Series_Ratings.pdf)



## ECB-G3 POWERLINK™ G3 Remotely Operated Circuit Breaker

### Interruptor automático de funcionamiento remoto ECB-G3 POWERLINK™ G3

### Disjoncteur manœuvrable à distance ECB-G3 POWERLINK™ G3

#### CIRCUIT BREAKER FEATURES

ECB-G3 POWERLINK™ remotely operated circuit breakers are for use in POWERLINK G3 systems. They provide overcurrent protection and have an integral operator which can turn the circuit breaker on or off.

The circuit breaker works with a POWERLINK G3 controller, power supply and control bus in the panelboard.

#### FUNCIONES DEL INTERRUPTOR AUTOMÁTICO

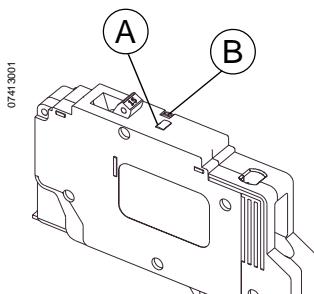
Los interruptores automáticos de funcionamiento remoto ECB-G3 POWERLINK™ han sido diseñados para utilizarse en los sistemas POWERLINK G3. Éstos proporcionan protección contra sobrecorrientes y vienen con un operador integrado el cual conecta y desconecta el interruptor automático.

Este interruptor automático funciona con un controlador, una fuente de alimentación y un bus de control POWERLINK G3 instalados en el tablero.

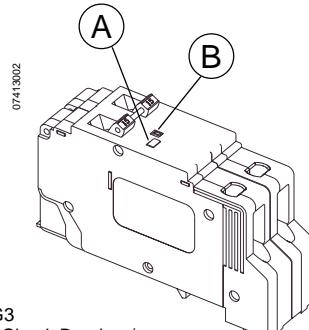
#### CARACTÉRISTIQUES DU DISJONCTEUR

Les disjoncteurs manœuvrables à distance ECB-G3 POWERLINK™ s'utilisent dans les systèmes POWERLINK G3. Ils fournissent la protection contre les surintensités et sont munis d'un opérateur intégré qui peut mettre le disjoncteur en marche ou à l'arrêt.

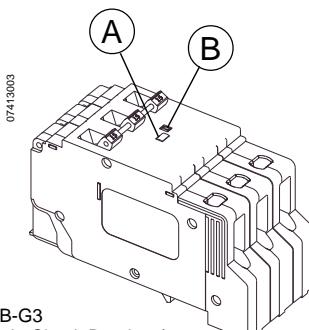
Le disjoncteur fonctionne avec un contrôleur, une alimentation et un bus de commande POWERLINK G3 installés sur le panneau de distribution.



ECB-G3  
1-pole Circuit Breaker /  
Interruptor automático de un polo /  
Disjoncteur unipolaire



ECB-G3  
2-pole Circuit Breaker /  
Interruptor automático de dos polos /  
Disjoncteur bipolaire



ECB-G3  
3-pole Circuit Breaker /  
Interruptor automático de tres polos /  
Disjoncteur tripolaire

The status window (A) shows the circuit breaker status. White indicates that the circuit breaker is in the on (I) position. Green indicates that the circuit breaker is in the off (O) position. Red indicates that the circuit breaker has tripped. To turn a tripped circuit breaker on, move the handle to the off (O) position to reset it, then turn the handle to the on (I) position.

The override button (B) is used to choose either the automatic or manual mode. In automatic, the circuit breaker responds to signals from the controller. In manual mode, the circuit breaker will not remotely open or close and assumes the status indicated by its handle.

La ventana de estado (A) indica el estado del interruptor automático. Blanco indica la posición de cerrado (I), verde la posición de abierto (O) y rojo la posición de disparado. Para colocar un interruptor automático en la posición de disparado, mueva la palanca a la posición de abierto (O) para restablecerlo, luego coloque la palanca en la posición de cerrado (I).

El botón de sobrecontrol (B) se utiliza para elegir entre modo automático o manual. En automático, el interruptor automático responde a las señales del controlador; en modo manual, no abrirá ni cerrará remotamente y asume el estado indicado por su palanca.

La fenêtre d'état (A) indique l'état du disjoncteur. Le blanc indique que le disjoncteur est à la position de marche (I). Le vert indique que le disjoncteur est à la position d'arrêt (O). Le rouge indique que le disjoncteur s'est déclenché. Pour remettre en marche un disjoncteur déclenché, mettre la manette à la position d'arrêt (O) afin de le réarmer, puis mettre la manette à la position de marche (I).

Le bouton de forçage (B) est utilisé pour choisir entre le mode automatique et le mode manuel. En mode automatique, le disjoncteur répond aux signaux du contrôleur. En mode manuel, le disjoncteur ne s'ouvre pas à distance et assume l'état indiqué par la manette.

No control wiring is required to install the circuit breaker. Remote control signals are sent by means of plug-on connections (A), that are connected when the circuit breaker is installed in the panelboard.

For remote operation of the circuit breaker, other POWERLINK G3 components (controller, power supply and control bus) must be installed in the panelboard. The control bus (B) must be installed before circuit breaker installation.

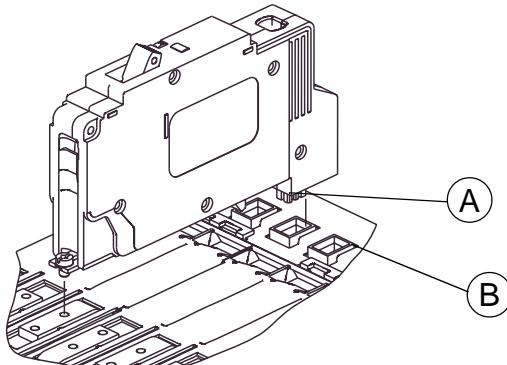
No se necesita cableado de control para instalar el interruptor automático. Las señales de control remoto se envían a través de conexiones enchufables (A) las cuales se encuentran disponibles cuando se instala el interruptor automático en el tablero.

Si desea hacer funcionar remotamente el interruptor automático, deberá instalar otros componentes del sistema POWERLINK G3 (controlador, fuente de alimentación y bus de control). El bus de control (B) deberá instalarse antes de instalar el interruptor automático.

Aucun câblage de commande n'est nécessaire pour installer le disjoncteur. Les signaux à distance sont envoyés au moyen de raccordements enfichables (A), qui sont raccordés lorsque le disjoncteur est installé sur le panneau de distribution.

Pour manœuvrer le disjoncteur à distance, d'autres composants POWERLINK G3 (contrôleur, alimentation et bus de commande) doivent être installés sur le panneau de distribution. Le bus de commande (B) doit être installé avant le disjoncteur.

07413000



## INSTALLATION

## INSTALACIÓN

## INSTALLATION

### **⚠ DANGER / PELIGRO / DANGER**

#### **HAZARD OF ELECTRIC SHOCK, BURN, OR EXPLOSION**

- This equipment must be installed and serviced only by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before turning on power to this equipment.

**Failure to follow these instructions will result in death or serious injury.**

#### **PELIGRO DE DESCARGA ELÉCTRICA, QUEMADURAS O EXPLOSIÓN**

- Solamente el personal eléctrico especializado deberá instalar y prestar servicio de mantenimiento a este equipo.
- Desenergice el equipo antes de realizar cualquier trabajo en él.
- Siempre utilice un dispositivo detector de tensión nominal adecuado para confirmar la desenergización del equipo.
- Vuelva a colocar todos los dispositivos, las puertas y los frentes antes de energizar el equipo.

**El incumplimiento de estas precauciones podrá causar la muerte o lesiones serias.**

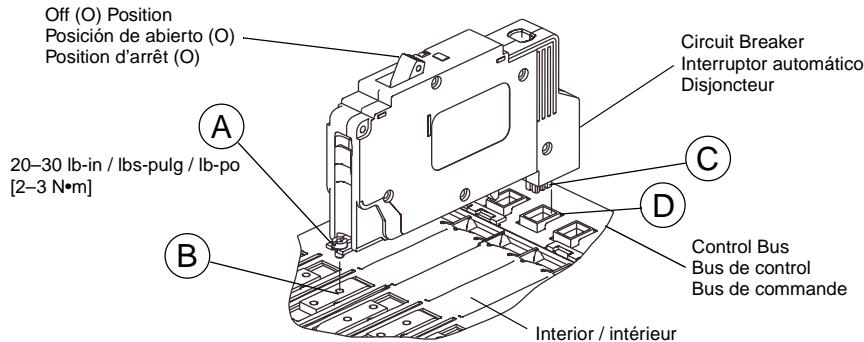
#### **RISQUE D'ÉLECTROCUTION, DE BRÛLURES OU D'EXPLOSION**

- L'installation et l'entretien de cet appareil ne doivent être effectués que par du personnel qualifié.
- Coupez toute alimentation de cet appareil avant d'y travailler.
- Utilisez toujours un dispositif de détection de tension à valeur nominale appropriée pour s'assurer que l'alimentation est coupée.
- Replacez tous les dispositifs, les portes et les couvercles avant de mettre l'appareil sous tension.

**Si ces précautions ne sont pas respectées, cela entraînera la mort ou des blessures graves.**

- |   |   |   |
|---|---|---|
| <ol style="list-style-type: none"> <li>Turn off all power supplying this equipment before working on or inside equipment.</li> <li>Remove panelboard cover and deadfront. Verify power is off with voltage meter before proceeding.</li> <li>Remove panelboard control bus connector cover if necessary. Circuit breaker may be installed in panelboard positions as shown.</li> <li>Turn handle to the off (O) position before installing circuit breaker.</li> <li>Align terminal screw (A) with the tapped hole in the panelboard bus (B) and align the motor connector (C) to the control bus connector (D).</li> </ol> | <ol style="list-style-type: none"> <li>Desenergice el equipo antes de realizar cualquier trabajo en él.</li> <li>Retire la cubierta del tablero y el frente muerto. Utilice un medidor de tensión para verificar la desenergización del equipo antes de proceder.</li> <li>Si es necesario, retire la cubierta del conector del bus de control del tablero. Es posible instalar el interruptor automático en el tablero en las posiciones mostradas.</li> <li>Coloque la palanca del interruptor automático en la posición de abierto (O) antes de instalarlo.</li> <li>Alinee el tornillo de terminal (A) con el agujero roscado en el bus del tablero (B) y alinee el conector del motor (C) con el conector del bus de control (D).</li> </ol> | <ol style="list-style-type: none"> <li>Couper toute alimentation de cet appareil avant d'y travailler.</li> <li>Retirer le couvercle et l'écran isolant du panneau de distribution. Vérifier si l'alimentation est coupée à l'aide d'un voltmètre avant de continuer.</li> <li>Retirer le couvercle du connecteur du bus de commande du panneau de distribution si nécessaire. Le disjoncteur peut être installé sur les positions du panneau de distribution indiquées.</li> <li>Mettre la manette à la position d'arrêt (O) avant d'installer le disjoncteur.</li> <li>Aligner la vis de borne (A) avec le trou taraudé dans le bus du panneau de distribution (B) et aligner le connecteur du moteur (C) avec le connecteur du bus de commande (D).</li> </ol> |
|---|---|---|

07413900



- Push circuit breaker onto mounting rail.
- Tighten terminal screw into tapped hole in panelboard bus. Tighten screw(s) to 20–30 lb-in (2–3 N•m).

*NOTE: Do not unsnap circuit breaker from panelboard if line terminal screw(s) are fastened.*

- Encage el interruptor automático en el riel de montaje.
- Apriete el tornillo de terminal en el agujero roscado en el bus del tablero. Apriete los tornillos de 2 a 3 N•m (20 a 30 lbs-pulg).

*NOTA: No desenganche el interruptor automático del tablero cuando esté bien fijo con el (los) tornillo(s) de la terminal de línea.*

- Engager le disjoncteur sur le rail de montage.
- Serrer la vis de borne dans le trou taraudé dans le bus du panneau de distribution. Serrer la ou les vis au couple de 2 à 3 N•m (20 à 30 lb-po).

*REMARQUE : Ne pas déboîter le disjoncteur du panneau de distribution si la ou les vis de borne du secteur sont fixées.*

## WIRE INSTALLATION

## INSTALACIÓN DE CONDUCTORES

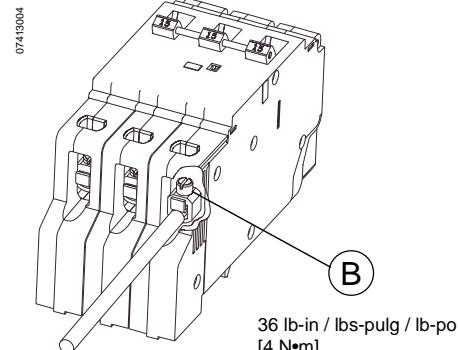
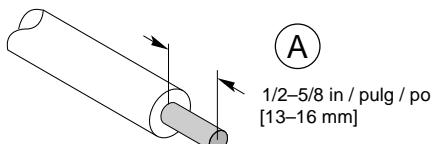
## INSTALLATION DES CÂBLES

### CAUTION / PRECAUCIÓN / ATTENTION

HAZARD OF EQUIPMENT DAMAGE	PELIGRO DE DAÑO AL EQUIPO	RISQUE DE DOMMAGES MATÉRIELS
<p><b>DAMAGE</b>                      Do not allow conductor strands to interfere with threads of wire binding screws.</p> <p><b>Failure to follow this instruction can result in equipment damage.</b></p>	<p><b>PELIGRO DE DAÑO AL EQUIPO</b>                      No permita que los hilos del conductor interfieran con las rosas de los tornillos de sujeción de cables.</p> <p><b>El incumplimiento de esta precaución puede causar daño al equipo.</b></p>	<p><b>RISQUE DE DOMMAGES MATÉRIELS</b>                      Ne permettez pas que les torons du conducteur s'engagent dans les filetages de la vis de fixation de fil.</p> <p><b>Si cette précaution n'est pas respectée, cela peut entraîner des dommages matériels.</b></p>

- |   |  |  |
|---|--|--|
| 1. Strip branch circuit wire(s) (A).<br>2. For each circuit breaker pole:<br>Loosen wire binding screw (B) and fully insert wire in lug.<br>While holding the wire in place, torque wire binding screw (B). | 1. Pele el o los cables (A) del circuito derivado.<br>2. Para cada polo del interruptor automático:<br>Afloje el tornillo de sujeción de cables (B) e inserte completamente el cable en la zapata.<br>Mientras sostiene el conductor en su lugar, apriete el tornillo de sujeción de cables (B). | 1. Dénuder le ou les fils du circuit d'artère (A).<br>2. Pour chaque pôle du disjoncteur :<br>Desserrer la vis de fixation de fil (B) et insérer le fil complètement dans une cosse.<br>Tout en maintenant le fil en place, resserrer la vis de fixation de fil (B). |
|---|--|--|

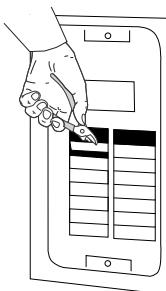
Strip Length /  
 Sección sin aislamiento /  
 Longueur de dénudage



3. Remove the twistout in the panelboard deadfront which corresponds with the circuit breaker position to allow circuit breaker face to protrude through the deadfront. Replace the panelboard deadfront and cover.

3. Retire el rectángulo removible en el frente muerto del tablero correspondiente a la posición del interruptor automático para permitir que salga la parte frontal del interruptor automático a través del frente muerto. Vuelva a colocar el frente muerto y la cubierta del tablero.

3. Retirer la plaquette à tordre de l'écran isolant du panneau de distribution, qui correspond à la position du disjoncteur, pour permettre à ce dernier de faire face à la saillie au travers de l'écran isolant. Replacer l'écran isolant et le couvercle du panneau de distribution.



**AUTOMATIC CIRCUIT BREAKER OPERATION**

Place the circuit breaker in automatic mode by pushing the override button (A) in and to the left until button locks in place and is flush with the circuit breaker.

*NOTE: When in automatic mode, a remotely operated circuit breaker with closed contact can still be manually opened by moving the handle to the off (O) position. A remotely operated circuit breaker cannot be closed remotely with the handle in the off (O) or tripped position.*

**MANUAL CIRCUIT BREAKER OPERATION**

1. Place the circuit breaker in manual mode by pushing the override button (A) in and to the right until button pops up.
2. Turn circuit breaker handle to desired position. Status window (B) will display circuit breaker status.

**FUNCIONAMIENTO AUTOMÁTICO DE UN INTERRUPTOR AUTOMÁTICO**

Coloque el interruptor automático en modo automático oprimiendo el botón de sobrecontrol (A) y deslizándolo hacia la izquierda hasta bloquearlo en su sitio y hasta que se encuentre nivelado con el interruptor automático.

*NOTA: Es posible abrir manualmente un interruptor automático de funcionamiento remoto con contactos cerrados, aun cuando esté en modo automático, moviendo la palanca a la posición de abierto (O). No es posible cerrar un interruptor automático de funcionamiento remoto con la palanca en la posición de abierto (O) o disparado.*

**FUNCIONAMIENTO MANUAL DE UN INTERRUPTOR AUTOMÁTICO**

1. Coloque el interruptor automático en modo manual oprimiendo el botón de sobrecontrol (A) y deslizándolo hacia la derecha hasta botarlo.
2. Coloque la palanca del interruptor automático en la posición deseada. La ventana de estado (B) mostrará el estado del interruptor automático.

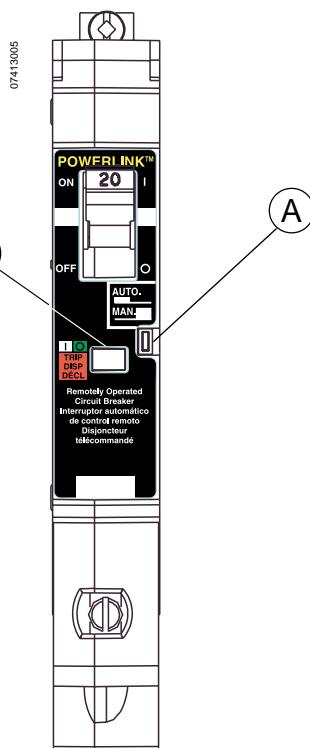
**FONCTIONNEMENT AUTOMATIQUE DU DISJONCTEUR**

Mettre le disjoncteur en mode automatique en enfonçant le bouton de forçage (A) et en le faisant glisser à gauche jusqu'à ce qu'il se bloque et soit aligné avec le disjoncteur.

*REMARQUE : En mode automatique, un disjoncteur manœuvrable à distance avec contacts fermés peut être encore ouvert manuellement en mettant la manette à la position d'arrêt (O). Un disjoncteur manœuvrable à distance ne peut pas être fermé à distance si la manette est à la position d'arrêt (O) ou déclenchée.*

**FONCTIONNEMENT MANUEL DU DISJONCTEUR**

1. Mettre le disjoncteur en mode manuel en enfonçant le bouton de forçage (A) et en le faisant glisser à droite jusqu'à ce qu'il remonte.
2. Tourner la manette du disjoncteur à la position désirée. La fenêtre d'état (B) afficher l'état du disjoncteur.



## CIRCUIT BREAKER REMOVAL

Remove circuit breaker in reverse order of installation.

## TROUBLESHOOTING

If problems occur during installation, refer to the following guide. If trouble persists, contact the field office.

## DESMONTAJE DEL INTERRUPTOR AUTOMÁTICO

Retire el interruptor automático en el orden inverso al de su instalación.

## REPARACIÓN DE AVERÍAS

En caso de que suceda algún problema durante la instalación, consulte la guía a continuación. Si el problema persiste, póngase en contacto con la oficina local.

## DÉMONTAGE DU DISJONCTEUR

Démonter le disjoncteur dans l'ordre inverse de l'installation.

## DÉPANNAGE

Si des problèmes surviennent pendant l'installation, se reporter aux consignes suivantes. Si les problèmes persistent, contacter le bureau de service local.

Condition / Condición / Condition	Possible Cause / Causas posibles / Causes possibles	Solution / Solución / Solution
Circuit breaker fails to stay closed. El interruptor automático no permanece cerrado.  Le disjoncteur ne reste pas fermé.	Short circuit or overload on system. Existe un cortocircuito o sobrecarga en el sistema.  Un court-circuit ou surcharge est présent dans le système.	Check system for short circuit or overload. Revise el sistema para ver si encuentra un cortocircuito o una sobrecarga. Rechercher un court-circuit ou une surcharge dans le système.
Circuit breaker fails to automatically switch. El interruptor automático no puede cambiar automáticamente.  Le disjoncteur ne change pas automatiquement.	Circuit breaker in manual mode. El interruptor automático se encuentra en modo manual.  Le disjoncteur est en mode manuel.	Switch circuit breaker to automatic mode. Cambie el interruptor automático a modo automático.  Mettre le disjoncteur en mode automatique.
Circuit breaker fails to automatically switch. El interruptor automático no puede cambiar automáticamente.  Le disjoncteur ne change pas automatiquement.	Circuit breaker in tripped or off (O) position. El interruptor automático se ha disparado o se encuentra en posición de abierto (O).  Le disjoncteur est déclenché ou à la position d'arrêt (O).	Reset and turn on circuit breaker. Restablezca y vuelva a conectar el interruptor automático.  Réarmer et mettre le disjoncteur à la position de marche.

Electrical equipment should be serviced only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

Solamente el personal de mantenimiento eléctrico especializado deberá prestar servicios de mantenimiento al equipo eléctrico. La Compañía no asume responsabilidad alguna por las consecuencias emergentes de la utilización de este material.

L'entretien du matériel électrique ne doit être effectué que par du personnel qualifié. La Société n'assume aucune responsabilité des conséquences éventuelles découlant de l'utilisation de ce matériel.

Square D Company  
PO Box 3069  
3700 Sixth St SW  
Cedar Rapids IA 52406-3069 USA  
1-888-SquareD (1-888-778-2733)  
www.SquareD.com

Importado en México por:  
Schneider Electric México, S.A. de C.V.  
Calz. Javier Rojo Gómez 1121-A  
Col. Gpe. del Moral 09300 México, D.F.  
Tel. 5804-5000  
www.schneider-electric.com.mx

Schneider Canada Inc.  
19 Waterman Avenue, M4B 1 Y2  
Toronto, Ontario  
1-800-565-6699  
www.schneider-electric.ca

# 480Y/277 Vac EDB, EGB and EJB Lighting Panelboard Circuit Breakers



*EDB 1-pole  
Circuit Breaker*

*EDB 2-pole  
Circuit Breaker*

*EDB 3-pole  
Circuit Breaker*

## EDB, EGB and EJB 125A Frame Lighting Panelboard Circuit Breakers

- 1-, 2- and 3-pole bolt-on construction for use in Square D NF panelboards
- Current ratings: 15–125A
- 480Y/277 Vac
- Optional factory-installed electrical accessories include; 120 Vac shunt trip, 1A/1B auxiliary switch and normally open alarm switch
- Optional handle padlock attachment
- Optional copper and compression lugs
- VISI-TRIP® feature
- HACR rated (15–125A, 1-, 2-, and 3-pole)
- Tested to UL 489 bus condition test
- UL Listed — file #E84967
- CSA Certified — file #LR92886
- NOM 117 Certified
- In compliance with Federal Specification W-C-375B/GEN

### Ampere Interrupting Ratings

Interrupting Rating Level	@ 240V	@ 480Y/277V
D	25kA	18kA
G	65kA	35kA
J	100kA	65kA

Interrupting Rating Level	Ampere Rating	Catalog Number			Standard AI Lug Wire Range
		1-pole 277 Vac	2-pole♦ 480Y/277 Vac	3-pole 480Y/277 Vac	
D	15	EDB14015▲●	EDB24015▲	EDB34015▲	#12 – #6 AWG AI or #14 – #6 AWG Cu
	20	EDB14020▲●	EDB24020▲	EDB34020▲	
	25	EDB14025▲	EDB24025▲	EDB34025▲	
	30	EDB14030▲	EDB24030▲	EDB34030▲	
	35	EDB14035	EDB24035	EDB34035	
	40	EDB14040	EDB24040	EDB34040	
	45	EDB14045	EDB24045	EDB34045	
	50	EDB14050	EDB24050	EDB34050	
	60	EDB14060	EDB24060	EDB34060	
	70	EDB14070	EDB24070	EDB34070	#12 – #2/0 AWG AI or #14 – #2/0 AWG Cu
	80	—	EDB24080	EDB34080	
	90	—	EDB24090	EDB34090	
	100	—	EDB24100	EDB34100	
	110	—	EDB24110	EDB34110	
	125	—	EDB24125	EDB34125	

▲ UL Listed as HID (High Intensity Discharge) rated

● UL Listed as SWD (Switching Duty) rated

♦ UL Listed for use on 240 V corner-grounded delta systems (grounded B phase)

*Continued on next page*



## **Class 0515**

# **480Y/277 Vac EDB, EGB and EJB Lighting Panelboard Circuit Breakers**

*Continued*

Interrupting Rating Level	Ampere Rating	Catalog Number			Standard AI Lug Wire Range
		1-pole 277 Vac	2-pole◆ 480Y/277 Vac	3-pole 480Y/277 Vac	
G	15	EGB14015▲●	EGB24015▲	EGB34015▲	#12 – #6 AWG AI or #14 – #6 AWG Cu
	20	EGB14020▲●	EGB24020▲	EGB34020▲	
	25	EGB14025▲	EGB24025▲	EGB34025▲	
	30	EGB14030▲	EGB24030▲	EGB34030▲	
	35	EGB14035	EGB24035	EGB34035	
	40	EGB14040	EGB24040	EGB34040	
	45	EGB14045	EGB24045	EGB34045	
	50	EGB14050	EGB24050	EGB34050	
	60	EGB14060	EGB24060	EGB34060	
	70	EGB14070	EGB24070	EGB34070	
	80	—	EGB24080	EGB34080	
	90	—	EGB24090	EGB34090	
J	100	—	EGB24100	EGB34100	#12 – #2/0 AWG AI or #14 – #2/0 AWG Cu
	110	—	EGB24110	EGB34110	
	125	—	EGB24125	EGB34125	
	15	EJB14015▲●	EJB24015▲	EJB34015▲	
	20	EJB14020▲●	EJB24020▲	EJB34020▲	
	25	EJB14025▲	EJB24025▲	EJB34025▲	
	30	EJB14030▲	EJB24030▲	EJB34030▲	
J	35	EJB14035	EJB24035	EJB34035	#12 – #2/0 AWG AI or #14 – #2/0 AWG Cu
	40	EJB14040	EJB24040	EJB34040	
	45	EJB14045	EJB24045	EJB34045	
	50	EJB14050	EJB24050	EJB34050	
	60	EJB14060	EJB24060	EJB34060	
	70	EJB14070	EJB24070	EJB34070	

▲ UL Listed as HID (High Intensity Discharge) rated

● UL Listed as SWD (Switching Duty) rated

◆ UL Listed for use on 240 V corner-grounded delta systems (grounded B phase)

# 480Y/277 Vac EDB, EGB and EJB Lighting Panelboard Circuit Breakers

## TO SELECT A CIRCUIT BREAKER

1. Select a catalog number from the preceding table
2. For special applications, modify the catalog number as follows:

E	D	B	3	4	0	7	0	-----														
↑																						
<b>Factory Installed Options▲</b>																						
<table border="0"> <thead> <tr> <th>Option</th> <th>Meaning</th> </tr> </thead> <tbody> <tr> <td>AABA</td> <td>1A1B Aux. Switch, Normally-open Alarm Switch Package</td> </tr> <tr> <td>AABASA</td> <td>1A1B Aux. Switch, Normally-open Alarm Switch, 120 Vac Shunt Trip Package</td> </tr> <tr> <td>SA</td> <td>120 Vac Shunt Trip Package</td> </tr> <tr> <td>CA</td> <td>Special Ambient Temperature: 50°C (Not UL, CSA or NOM Certified)</td> </tr> <tr> <td>LC</td> <td>Copper Lugs</td> </tr> <tr> <td>LH</td> <td>High Ampere Standard Lugs</td> </tr> </tbody> </table>									Option	Meaning	AABA	1A1B Aux. Switch, Normally-open Alarm Switch Package	AABASA	1A1B Aux. Switch, Normally-open Alarm Switch, 120 Vac Shunt Trip Package	SA	120 Vac Shunt Trip Package	CA	Special Ambient Temperature: 50°C (Not UL, CSA or NOM Certified)	LC	Copper Lugs	LH	High Ampere Standard Lugs
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AABASA	1A1B Aux. Switch, Normally-open Alarm Switch, 120 Vac Shunt Trip Package																					
SA	120 Vac Shunt Trip Package																					
CA	Special Ambient Temperature: 50°C (Not UL, CSA or NOM Certified)																					
LC	Copper Lugs																					
LH	High Ampere Standard Lugs																					

▲Factory installed options must be listed in the catalog number in the sequence shown above.

### EXAMPLE:

To order a 3-Pole 480Y/277 Vac, 70 Ampere, "D" interrupting rating level circuit breaker with factory-installed copper lugs and an auxiliary switch and alarm switch package:

Order EDB34070AABALC

## Mechanical Lug Kit Information

Kit Catalog Number	Circuit Breaker Application			Number of Wires Per Lug and Wire Range	Torque	Lugs Per Kit
	Standard Ampere Rating	Optional Ampere Rating				

### AI Lugs for Use with AI or Cu Wire

AL30FD	EDB, EGB, EJB	15 – 30	–	–	(1) #12 – #6 AWG AI or (1) #14 – #6 AWG Cu	30 lb-in (3.4 N•m)	3
AL100FD	EDB, EGB, EJB	35 – 125	EDB, EGB, EJB	15 – 30	(1) #12 – #2/0 AWG AI or (1) #14 – #2/0 AWG Cu	35 lb-in (4.0 N•m) #14 – #10 50 lb-in (5.5 N•m) #8 – #2/0	3

### Cu Lugs for Use with Cu Wire Only

CU100FD	EDB, EGB, EJB	15 – 125	–	–	(1) #14 – #1/0 AWG Cu	35 lb-in (4.0 N•m) #14 – #10 40 lb-in (4.5 N•m) #8 45 lb-in (5.1 N•m) #6 – #4 50 lb-in (5.7 N•m) #3 – #1/0	3
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### Compression Lug Kit Information■

Circuit Breaker Type	VERSATile™ System Range	Dimension A	VERSASA-CRIMP™ Tool Type	Max. Lugs Per Terminal	Kit Catalog Number	Lugs Per Kit
		in.	mm			

#### Aluminum Compression Lug Kits

EDB, EGB, EJB	#8 – #1/0 AWG	1.375	35	VC-6 Series	1	VC100FD	3
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#### Copper Compression Lug Kits

EDB, EGB, EJB	#6 – #1/0 AWG Cu	1.375	35	VC-6 Series	1	CVC100FD	3
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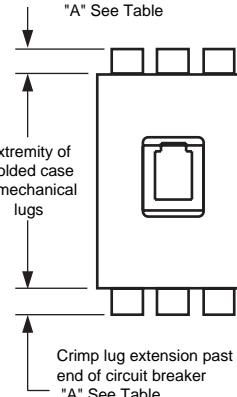
■Terminal insert kit, TIKFD, is required for application of compression lugs.

## Handle Accessories

Circuit Breaker Type	Catalog Number
Handle Padlock Attachment (locks ON or OFF)	
EDB, EGB, EJB	HPAFD

## Terminal Insert Kit

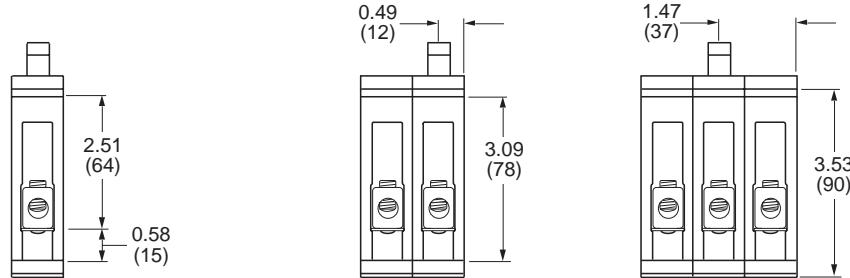
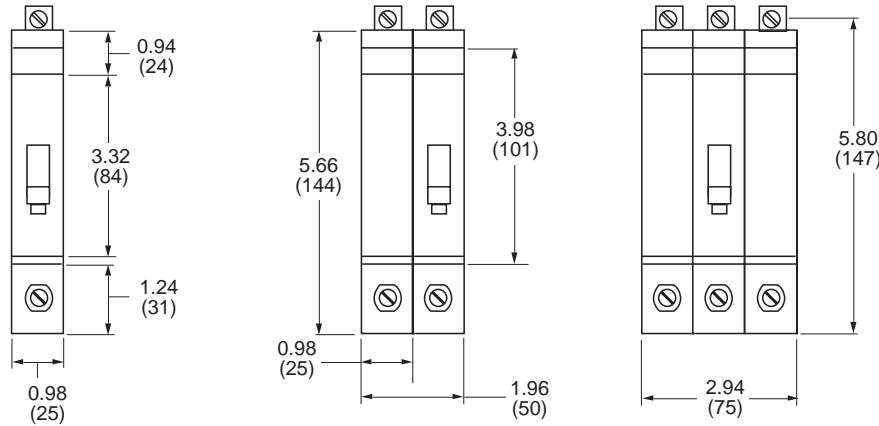
Circuit Breaker Type	Catalog Number	Inserts Per Lug
EDB, EGB, EJB	TIKFD	3



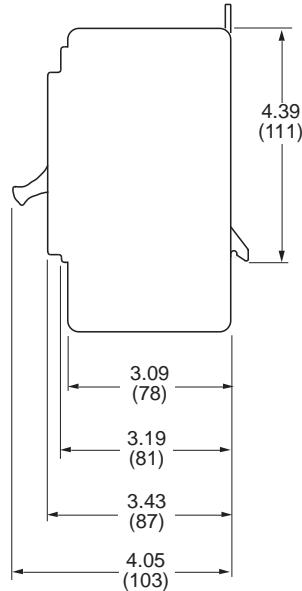
## Class 0515

# 480Y/277 Vac EDB, EGB and EJB Lighting Panelboard Circuit Breakers

EDB, EGB and EJB  
Circuit Breaker Dimensions



Dual Dimensions: in.  
(mm)



EX1000A.3

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VERSAtile is a trademark of Square D Company.

VERSA-CRIMP is a trademark of Hubbell Incorporated.

Order No. 0500HO9602R11/97

## SMALL, TYPE 1



### INDUSTRY STANDARDS

UL 50, 50E Listed; Type 1; File No. E27567  
cUL Listed per CSA C22.2 No 40; Type 1; File No. E27567

NEMA/EEMAC Type 1  
CSA, File 42184: Type 1  
IEC 60529, IP30

### APPLICATION

These enclosures have a size range of 6 x 6 x 4-in. to 14 x 12 x 8-in. and meet basic functionality requirements for applications that do not require oil- or dust-tight enclosures.

### FEATURES

- Flush slotted latch operated with a screwdriver; optional latches available
- Weldnuts provided for mounting optional panels
- Butt hinges
- Mounting holes on back of enclosure

### SPECIFICATIONS

- 16 gauge steel

### FINISH

ANSI 61 gray polyester powder paint finish inside and out over pretreated surfaces. Optional solid panels are white and optional perforated panels are gray.

### ACCESSORIES

*See also Accessories.*

T-Handle Latch and Keyed Cylinder Lock Kits

Grounding Device

Panels for Type 1 Enclosures and Small Type 3R Enclosures

Touch-Up Paint

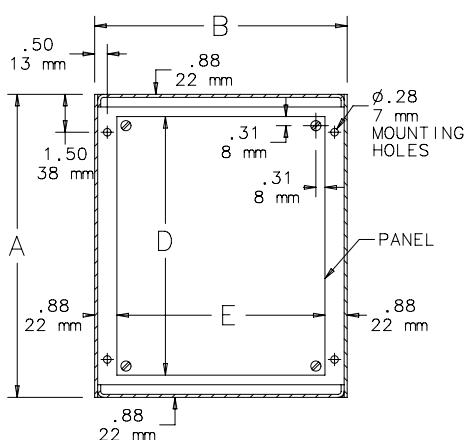
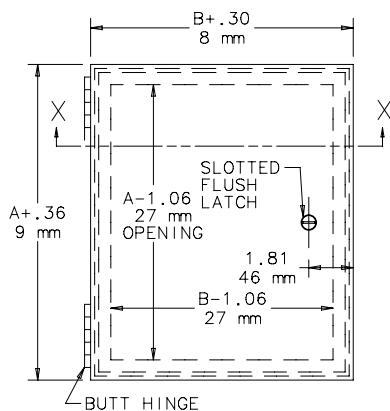
Steel and Stainless Steel Window Kits

**BULLETIN: A1SM**

### Standard Product

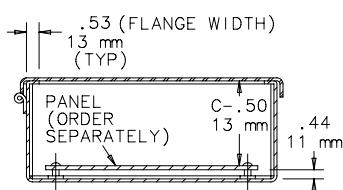
Catalog Number	AxBxC in./mm	Panel	Perforated Panel	Panel Size D x E in./mm
A6N64	6.00 x 6.00 x 4.00 152 x 152 x 102	A6N6P	A6N6PP	4.25 x 4.25 108 x 108
A8N64	8.00 x 6.00 x 4.00 203 x 152 x 102	A8N6P	A8N6PP	6.25 x 4.25 159 x 108
A8N84	8.00 x 8.00 x 4.00 203 x 203 x 102	A8N8P	A8N8PP	6.25 x 6.25 159 x 159
A10N84	10.00 x 8.00 x 4.00 254 x 203 x 102	A10N8P	A10N8PP	8.25 x 6.25 210 x 159
A10N104	10.00 x 10.00 x 4.00 254 x 254 x 102	A10N10P	A10N10PP	8.25 x 8.25 210 x 210
A12N104	12.00 x 10.00 x 4.00 305 x 254 x 102	A12N10P	A12N10PP	10.25 x 8.25 260 x 210
A12N124	12.00 x 12.00 x 4.00 305 x 305 x 102	A12N12P	A12N12PP	10.25 x 10.25 260 x 260
A14N124	14.00 x 12.00 x 4.00 356 x 305 x 102	A14N12P	A14N12PP	12.25 x 10.25 311 x 260
A8N66	8.00 x 6.00 x 6.00 203 x 152 x 152	A8N6P	A8N6PP	6.25 x 4.25 159 x 108
A8N86	8.00 x 8.00 x 6.00 203 x 203 x 152	A8N8P	A8N8PP	6.25 x 6.25 159 x 159
A10N86	10.00 x 8.00 x 6.00 254 x 203 x 152	A10N8P	A10N8PP	8.25 x 6.25 210 x 159
A10N106	10.00 x 10.00 x 6.00 254 x 254 x 152	A10N10P	A10N10PP	8.25 x 8.25 210 x 210
A12N106	12.00 x 10.00 x 6.00 305 x 254 x 152	A12N10P	A12N10PP	10.25 x 8.25 260 x 210
A12N126	12.00 x 12.00 x 6.00 305 x 305 x 152	A12N12P	A12N12PP	10.25 x 10.25 260 x 260
A14N126	14.00 x 12.00 x 6.00 356 x 305 x 152	A14N12P	A14N12PP	12.25 x 10.25 311 x 260
A16N126	16.00 x 12.00 x 6.00 406 x 305 x 152	A16N12P	A16N12PP	14.25 x 10.25 362 x 260
A20N126	20.00 x 12.00 x 6.00 508 x 305 x 152	A20N12P	A20N12PP	18.25 x 10.25 464 x 260
A12N128	12.00 x 12.00 x 8.00 305 x 305 x 203	A12N12P	A12N12PP	10.25 x 10.25 260 x 260
A14N128	14.00 x 12.00 x 8.00 356 x 305 x 203	A14N12P	A14N12PP	12.25 x 10.25 311 x 260

Purchase panels separately.



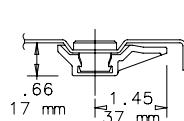
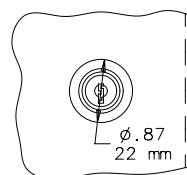
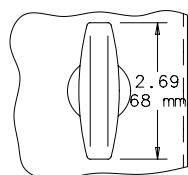
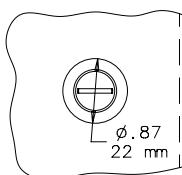
SECTION Y-Y

NOTE: 1. Panels are 14 gauge steel.  
2. Panel screws have #10-32 threads.

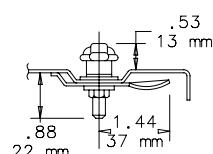
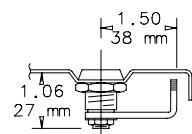


SECTION X-X

Optional Latches



Standard Slotted Flush Latch

"T" Handle Latch Kit  
AL7ACylinder Lock Kit  
AL12AR  
C2572-C