

# LynTec

## CATALOG 01/04/2021

RPC CONTROL PLATFORM.....	2
RPC SERIES PANELS.....	3
RPC BASE FEATURES .....	4
RPC PANEL PRICING .....	5
LCP LIGHTING CONTROL PANELBOARDS.....	6
LCP PANEL PRICING .....	7
RPC & LCP OPTIONS .....	8
NARROW PROFILE PANELBOARDS.....	8
RPC & LCP SERIES BREAKER PRICES.....	9
MOTORIZED BREAKERS .....	9
UNMOTORIZED BREAKERS .....	9
EXTERNAL DEVICE CONTROL.....	9
HIGH CURRENT CONTROL .....	9
CURRENT MONITORING OPTION .....	10
SURGEX SIDECAR OPTION .....	11
RPCR RELAY PANELS .....	12
XPC EXTEND POWER CONTROL SERIES.....	13
NPAC NETWORKABLE POWER AUTOMATION CONTROL.....	14
MSP MODULAR SEQUENCING PANELBOARDS.....	15
MSLC, LCLC & SCLC LOAD CENTERS .....	16
LOAD CENTER PRICING .....	17
MOTORIZED BREAKER RETROFIT BOXES .....	20
RELAY PANEL PRICING .....	20
ACCESSORIES .....	21
SURGE SUPPRESSION.....	21
COMPLETION RELAY OPTION FOR MS-12 .....	21
MODULAR SEQUENCER UPGRADE .....	21

**Terms & Conditions of Sale**

Credit available pending approval. Credit cards: We accept MasterCard, Visa & American Express. Freight is prepaid and added to the invoice. For lead times and delivery information, please call for a detailed quote.



**LynTec.com**

800.724.4047 | 913.529.2233 | Fax 888.722.4157 | 913.529.4157

# RPC

## CONTROL PLATFORM | THE MOST COMPLETE SELF-CONTAINED ELECTRICAL CONTROL PANEL AVAILABLE

- Embedded web server with browser interface - no software to purchase
- No on-site commissioning or special training required
- Built in IP interface for smart phone, tablet or laptop control and monitoring
- Built in scheduling program with astronomical clock and 84 schedule events
- Built in contact closure inputs for wall or sensor operation (up to 38 inputs)
- Can be interfaced with any control system that communicates individual circuit addresses in IP, DMX, RS-232, BacNET or sACN
- Seamless integration into existing building management systems
- Circuit selectable load-shedding feature standard
- Circuit level sequencing with selectable step-rates standard
- Circuit selectable auto-on egress lighting feature standard
- Brownout (under-voltage) protection with automatic shutdown and controlled restart

interface screenshot



Use the RPC platform to add control, monitoring, equipment protection, energy management and to lower installation and maintenance costs.

**IT'S AN ESSENTIAL PART OF A QUALITY INSTALLATION!**

Experience the GUI at <http://demo2.lyntec.com>  
Username: admin Password: pw

# RPC

## SERIES PANELS | THE INDUSTRY'S MOST COMPLETE SELF-CONTAINED ELECTRICAL CONTROL PANEL

- 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
- Combines electrical circuit on/off control and protection in a SINGLE PANEL
- Substantial installation labor savings over any other system available
- Single panel construction saves wall and/or rack space - NO REDUNDANT BOXES
- Network Control for remote browser-based setup, monitoring and operation
- Simple point and click GUI allows for easy zone setup and breaker operation
- Seamless integration into any RS-232, DMX512, sACN, BacNET or TCP/IP control system
- Up to 38 points of local control available
- One controller can manage up to 167 motorized breakers across 4 panels
- Power outage and brownout protection assures that your circuits NEVER power up or down incorrectly
- OPTIONAL - Current Monitoring
- OPTIONAL - SurgeX surge suppression sidecar
- OPTIONAL - Outbound control relay board



Plugs in - NO EXTRA WIRING



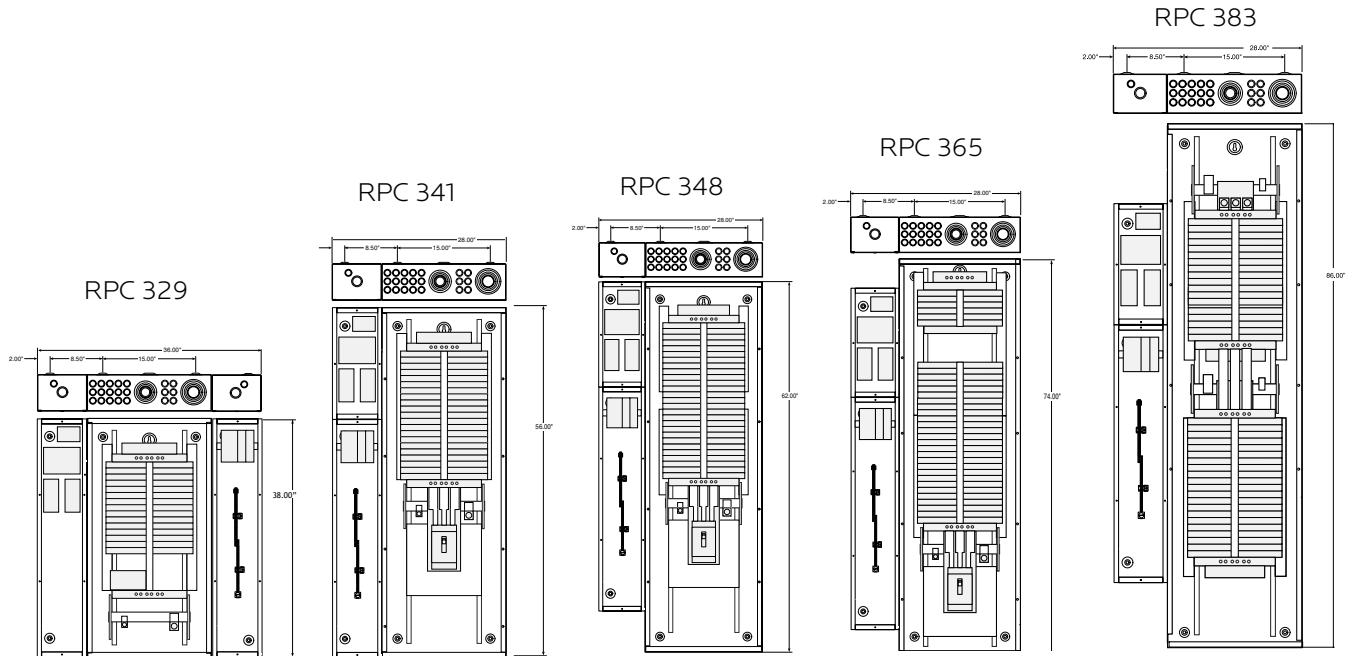
# RPC BASE FEATURES

## SPECIFYING IN 5 EASY STEPS

1. Designate the panel as a Controller or a Secondary panel: RPC = Controller, RPS = Secondary
2. Choose three phase (3) or single phase (1)
3. Choose Main Breaker (MCB) or main lugs only (MLO)
4. Choose the number of circuits: 29, 41, 65 or 83 for controllers and powered secondaries, 30, 42, 66, or 84 for standard secondaries
5. Provide circuit counts by breaker type

Each controller panel can control up to six additional control busses. 30 and 42 circuit panels have 2 control busses; 66 and 84 circuit panels have four control busses.

For secondary panels with an isolated technical ground cabinet add suffix -ITG. For secondary panels located more than 400 ft from the controller panel, use suffix -ITGP. P = remote power supply in secondary panel.



Model	Standard Main	Other Main Options	400A Option
<b>RPC 329</b>	100A	up to 125A	NA
<b>RPC 341</b>	225A	100A, 125A, 150A, 175A, 200A, 250A (<100A use model RPC 338)	RPC 341 M400
<b>RPC 348</b>	225A	100A, 125A, 150A, 175A, 200A, 250A	RPC 348 M400
<b>RPC 365</b>	225A	100A, 125A, 150A, 175A, 200A, 250A	RPC 365 M400
<b>RPC 383</b>	400A MLO	NA	NA

Other optional electrical features include feed-through and sub-feed lugs, current monitoring, and internal surge protection. Optional features may change panel dimensions. Single Phase panels available. Please contact for pricing. For a complete list of RPC models visit [lyntec.com/rpc](http://lyntec.com/rpc)

# RPC PANEL PRICING

LynTec Model	Description	List Price
	Panels	
<b>RPC 329</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 29 breakers, Controls up to 155 breakers.	\$7,360
<b>RPS 330-ITG</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, is controlled by RPC panel. Isolated technical ground sidecar.	\$3,675
<b>RPS 330</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, is controlled by RPC panel.	\$2,952
<b>RPC 338</b>	3Ø, 4 wire, 208Y/120Vac, Mxxx A Main, Holds 38 breakers, Controls up to 164 breakers. For main breakers less than 100A.	\$9,359
<b>RPC 341</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 41 breakers, Controls up to 167 breakers.	\$8,865
<b>RPS 342-ITG</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 42 breakers, is controlled by RPC panel. Isolated technical ground sidecar.	\$5,087
<b>RPS 342</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 42 breakers, is controlled by RPC panel.	\$4,538
<b>RPC 348</b>	RPC 348 Remote Power Control Panel, 3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 48 controlled circuits plus 6 uncontrolled circuits	\$10,586
<b>RPS 348</b>	RPS 348 Remote Power Secondary Panel, 3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 48 controlled circuits plus 6 uncontrolled circuits; is controlled by RPC panel	\$6,258
<b>RPC 365</b>	RPC 365 Remote Power Control Panel, 3Ø, 4 wire, 208Y/120Vac, 225A main, Holds 65 breakers.	\$12,881
<b>RPS 366</b>	RPS 366 Remote Power Secondary Panel, 3Ø, 4 wire, 208Y/120Vac, 225A MCB, Holds 66 breakers, is controlled by RPC panel.	\$8,508
<b>RPC 383</b>	3Ø, 4 wire, 208Y/120Vac, 400A MLO, Holds 83 breakers, Controls up to 167 breakers. (Available in areas where NEC 2008 has been adopted.)	\$14,716
<b>RPS 384</b>	3Ø, 4 wire, 208Y/120Vac, 400A MLO, Holds 84 breakers, is controlled by RPC panel. (Available in areas where NEC 2008 has been adopted.)	\$9,964
<b>-UL924</b>	-UL924 Emergency lighting option for RPC panels. Includes all UL924 labelling.	\$18



**Motorized Breakers are required to complete this system. Please see pg 9 for breaker pricing. Panels ship complete and ready to hang.**

**Open RPC 341 panel shown left with optional current monitoring and SurgeX sidecar. See page 7-8 for pricing.**



# LCP | LIGHTING CONTROL PANELBOARDS

## Purpose-built for lighting applications

LynTec's new LCP panel series is custom tailored for lighting 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

### Fully Customizable

- 30-84 space, 100-400A MLO and MCB 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

# LCP PANEL PRICING

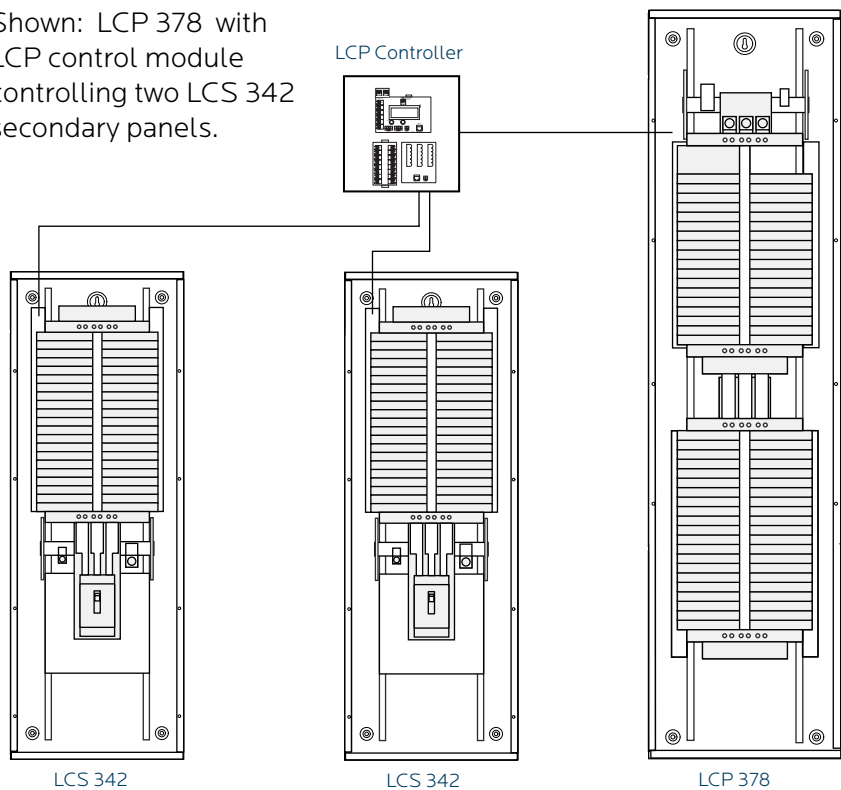
LynTec Model	Description	List Price
<b>LCP Series Controller Panelboards</b>		
<b>LCP 330</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 29 breakers, Controls up to 156 breakers. Includes LCP controller in separate enclosure.	\$4,915
<b>LCP 342</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 41 breakers, Controls up to 168 breakers. Includes LCP controller in separate enclosure.	\$6,500
<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.	\$8,221
<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.)	\$11,927
<b>LCP Series Secondary Panelboards</b>		
<b>LCS 330</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, is controlled by LCP panel.	\$2,952
<b>LCS 342</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 42 breakers, is controlled by LCP panel.	\$4,538
<b>LCS 348</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 48 controlled circuits plus 6 uncontrolled circuits; is controlled by LCP panel	\$6,258
<b>LCS 366</b>	3Ø, 4 wire, 208Y/120Vac, 225A MCB, Holds 66 breakers, is controlled by LCP panel.	\$8,508
<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.)	\$9,964
<b>Emergency Lighting Option</b>		
<b>-UL924</b>	-UL924 Emergency lighting option for LCP panels. Includes all UL924 labelling.	\$18

**Motorized Breakers are required to complete this system. Please see pg. 9 for breaker pricing. Panels ship complete and ready to hang.**



**LCP Controller Module**

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



# NARROW PROFILE PANELBOARDS

## Column-width panels for the RPC and LCP Series



LynTec narrow profile panels utilize the same Square D Powerlink motorized circuit breaker hardware platform as the standard RPC and LCP panels but requires significantly less horizontal wall-space. RPC and LCP series panels can now be installed on support columns or in electrical closets where horizontal space is at a premium.

- 208Y/120V or 480Y/277V
- LCP and RPC series compatible
- Top-fed configuration
- 30 or 42 space options
- Main breaker or Main Lug Only (MLO)

For for a full description of RPC series features, see page 2-4.

For for a full description of LCP series features, see page 6.

Model	Standard Main	Other Main Options	Dimensions
<b>RPC Series Narrow Panelboards</b>			
<b>RPC 324N</b>	100A	up to 125A	16.625" W x 65" H x 5.625" D (MLO 56"H)
<b>RPC 336N</b>	225A	100A, 125A, 150A, 175A, 200A	16.625" W x 85" H x 5.625" D (MLO 71"H)
<b>RPS 330N</b>	100A	up to 125A	8.625" W x 65" x 5.625" D (MLO 56"H)
<b>RPS 342N</b>	225A	100A, 125A, 150A, 175A, 200A	8.625" W x 65" x 5.625" D (MLO 65"H)
<b>LCP Series Narrow Panelboards</b>			
<b>LCP 324N</b>	100A	up to 125A	8.625" W x 65" H x 5.625" D (MLO 56"H)
<b>LCP 336N</b>	225A	100A, 125A, 150A, 175A, 200A	8.625" W x 85" H x 5.625" D (MLO 71"H)
<b>LCS 330N</b>	100A	up to 125A	8.625" W x 65" x 5.625" D (MLO 56"H)
<b>LCS 342N</b>	225A	100A, 125A, 150A, 175A, 200A	8.625" W x 65" x 5.625" D (MLO 65"H)

LynTec Model	Description	List Price
<b>RPC Series Narrow Panelboards</b>		
<b>RPC 324N</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 24 controlled circuits plus 5 uncontrolled circuits	\$8,684
<b>RPC 336N</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 36 controlled circuits plus 5 uncontrolled circuits	\$10,461
<b>RPS 330N</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, controlled by RPC panel.	\$3,483
<b>RPS 342N</b>	3Ø, 4 wire, 208Y/120Vac, 225 A Main, Holds 42 breakers, controlled by RPC panel.	\$5,354
<b>LCP Series Narrow Panelboards</b>		
<b>LCP 324N</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 24 controlled circuits plus 3 uncontrolled circuits	\$5,800
<b>LCP 336N</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 36 controlled circuits plus 3 uncontrolled circuits	\$7,670
<b>LCS 330N</b>	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, controlled by LCP panel.	\$3,483
<b>LCS 342N</b>	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 42 breakers, controlled by LCP panel.	\$5,354



# RPC & LCP SERIES BREAKER PRICES

## MOTORIZED BREAKERS

Product #	Description	List Price
<b>MBR-15</b>	Bolt-on Motorized Breaker, Square D #ECB14015G3, 15 Amp. Single Pole	\$186
<b>MBR-20</b>	Bolt-on Motorized Breaker, Square D #ECB14020G3, 20 Amp. Single Pole	\$186
<b>MBR-30</b>	Bolt-on Motorized Breaker, Square D #ECB14030G3, 30 Amp. Single Pole	\$186
<b>MBR-215</b>	Bolt-on Motorized Breaker, Square D #ECB240215G3, 15 Amp. Two Pole	\$380
<b>MBR-220</b>	Bolt-on Motorized Breaker, Square D #ECB240220G3, 20 Amp. Two Pole	\$380
<b>MBR-230</b>	Bolt-on Motorized Breaker, Square D #ECB240230G3, 30 Amp. Two Pole	\$380
<b>MBR-315</b>	Bolt-on Motorized Breaker, Square D #ECB340215G3, 15 Amp. Three Pole	\$574
<b>MBR-320</b>	Bolt-on Motorized Breaker, Square D #ECB340220G3, 20 Amp. Three Pole	\$574
<b>MBR-330</b>	Bolt-on Motorized Breaker, Square D #ECB340230G3, 30 Amp. Three Pole	\$574

## UNMOTORIZED BREAKERS

<b>UBR-15</b>	Bolt-On UnMotorized Breaker, Square D #EDB14015, 15 Amps. Single Pole	\$116
<b>UBR-20</b>	Bolt-On UnMotorized Breaker, Square D #EDB14020, 20 Amps. Single Pole	\$116
<b>UBR-30</b>	Bolt-On UnMotorized Breaker, Square D #EDB14030, 30 Amps. Single Pole	\$116
<b>UBR-215</b>	Bolt-On UnMotorized Breaker, Square D #EDB24015, 15 Amps. Two Pole	\$335
<b>UBR-220</b>	Bolt-On UnMotorized Breaker, Square D #EDB24020, 20 Amps. Two Pole	\$335
<b>UBR-230</b>	Bolt-On UnMotorized Breaker, Square D #EDB24030, 30 Amps. Two Pole	\$335



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.

Square D G3 motorized breakers are available in denominations of 15, 20 and 30 Amps in one, two or three poles.

- Plug-in control circuiting
- High Magnetic
- Bolt-in/Seismic rated
- 65kAIC @ 120V
- 14kAIC @ 208V

## EXTERNAL DEVICE CONTROL

<b>RPC I/OR Board</b>	Incorporates RPC browser control of external loads and devices. Available with dry contact relays or high current transistors. Eight outputs per board.	\$445
-----------------------	---	-------

## HIGH CURRENT CONTROL

<b>CTR-1115</b>	CTR-1115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 1 contactor in an 16x14x8 enclosure.	\$1,413
<b>CTR-2115</b>	CTR-2115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 2 contactors in an 16x14x8 enclosure.	\$2,095
<b>CTR-3115</b>	CTR-3115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 3 contactors in an 24x24x8 enclosure.	\$3,551
<b>CTR-4115</b>	CTR-4115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 4 contactors in an 24x24x8 enclosure.	\$4,233

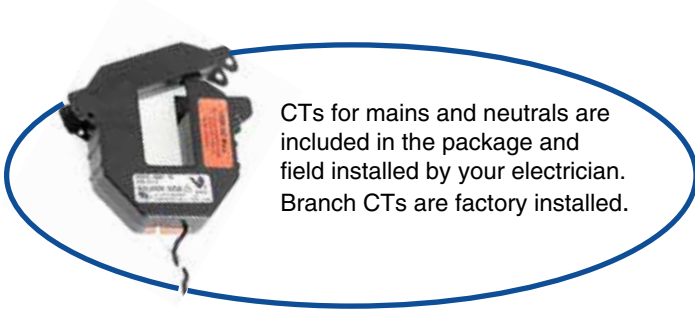
For larger loads, please contact for pricing.

# CURRENT MONITORING OPTION FOR RPC SERIES PANELS

## Integrated Monitoring Capabilities for both Branch and Main Circuits

The current monitoring option provides power and energy data on branch circuits and mains in your RPC remote power panel, giving you an accurate vision of your capacity, energy use, and reliability.

- Available on RPC series panels
- Fully integrated into RPC web browser no extra software or service fees required
- Main three-phase and neutral monitoring
- Individual per branch circuit monitoring
- User-definable alarm parameters
- System sends email and text alerts when parameters are exceeded
- Downloadable data and reports
- 8MB internal storage--expandable via SD slot
- Graphing and charting functions



CTs for mains and neutrals are included in the package and field installed by your electrician. Branch CTs are factory installed.

Prices are in addition to base RPC prices on page 4. For more information visit [www.LynTec.com](http://www.LynTec.com)

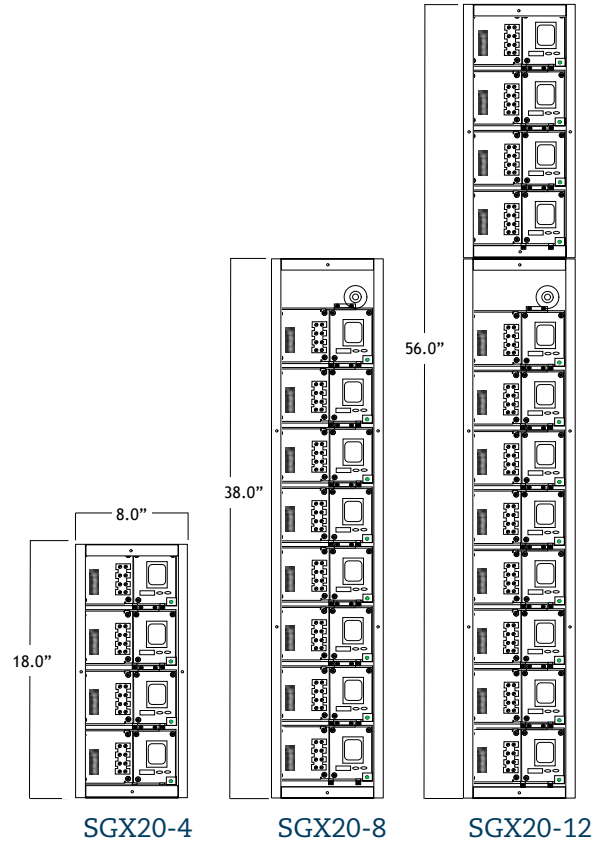
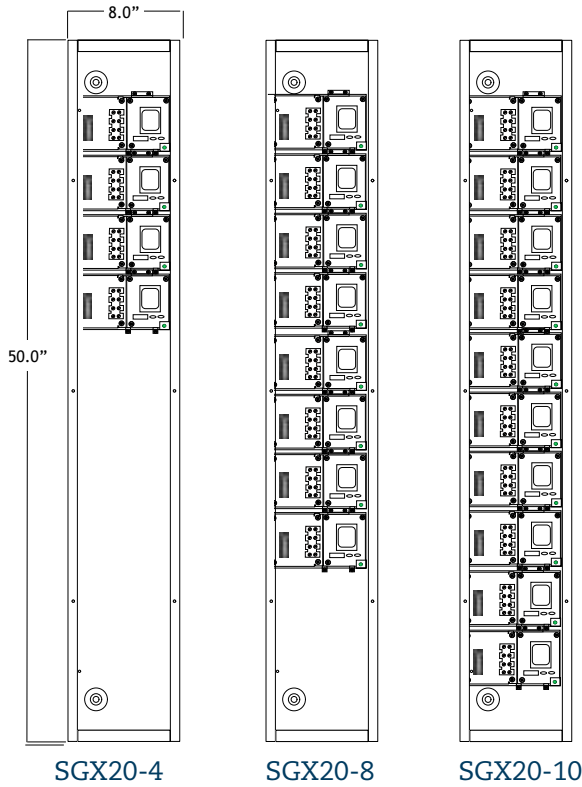
Product #	Description	List Price
CM-H	Current, Power and Energy monitoring for both branch circuits and mains. <b>Hardware ONLY</b> . Ready to connect to BMS via Modbus. For panels larger than 42 circuits, specify 2.	\$4,188
CM-S-BASIC	Current Monitoring Basic Software Site License. Includes real time display, short term graphs, alarm notification and data collection/export.	\$1,330
CM-S-SWARE	Current Monitoring Struxureware Site License. Includes Schneider Electric Struxureware advanced analytic software.	Call

# SURGEX SIDECAR OPTION (PANELBOARDS ONLY)

Add SurgeX whole circuit protection to any LynTec Panelboard!

## SGX Series sidecars for MSP, LCP or SCP series panelboards

## SGX Series sidecars for RPC series panelboards



- Available in 4, 8, 10 and 12 module units
- Factory installed in LynTec Sidecars and ships attached to LynTec panels
- Advanced Series Mode surge protection
- Advanced Impedance Tolerant EMI/RFI filtering
- Self-test circuit with visual indicator
- 10-year warranty
- Made in U.S.A.

### AVAILABLE MODELS:

- SGX20-4
- SGX20-8
- SGX20-10
- SGX20-12



Prices are in addition to base panel prices on page 4 and 9

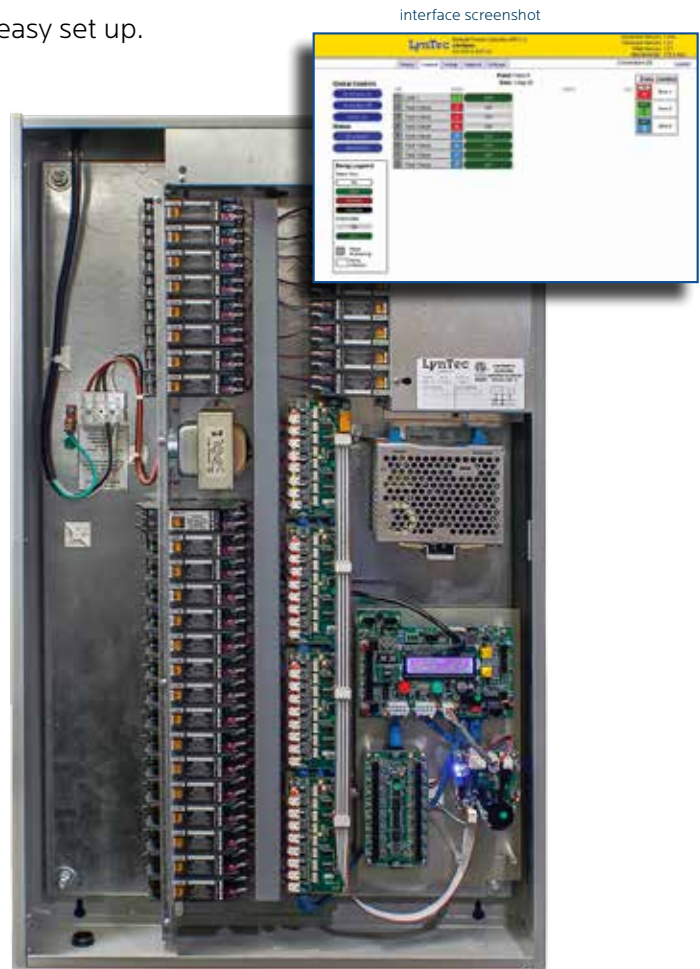
Product #	Description	List Price
<b>SGX20-4</b>	LynTec sidecar with 4 20A SurgeX Modules	\$1,969
<b>SGX20-8</b>	LynTec sidecar with 8 20A SurgeX Modules	\$3,636
<b>SGX20-10</b>	LynTec sidecar with 10 20A SurgeX Modules	\$4,470
<b>SGX20-12</b>	LynTec sidecar with 12 20A SurgeX Modules	\$5,409

# RPCR

## RELAY PANELS | THE INDUSTRY'S MOST COMPLETE SELF-CONTAINED LIGHTING CONTROL RELAY PANEL AVAILABLE

### STANDARD FEATURES ON ALL RPCR PANELS INCLUDE:

- Embedded web server with browser interface for super-easy set up.
- No on-site commissioning required, and LynTec takes the trouble calls direct
- Built in IP interface for smart phone, tablet or laptop control and monitoring
- Built in scheduling program with astronomical clock and 84 schedule events
- Built in contact closure inputs for wall or sensor operation (up to 38 inputs)
- Can be interfaced with any control system that communicates individual circuit addresses in IP, DMX, RS-232, BacNET or sACN
- Seamless integration into existing building management systems
- Circuit selectable load-shedding feature standard
- Circuit level sequencing with selectable step-rates standard
- Circuit selectable auto-on egress lighting feature standard
- Brownout (under-voltage) protection with automatic shutdown and controlled restart



The patent pending RPC control platform is available for controllable relay panels. Every RPCR panel is shipped as a complete hardware/software package and ready to install.

Product #	Description	List Price
<b>RPCR-8</b>	RPC Relay panel with 8 single-pole 20A Panasonic relays	\$3,075
<b>RPCR-16</b>	RPC Relay panel with 16 single-pole 20A Panasonic relays	\$5,714
<b>RPCR-24</b>	RPC Relay panel with 24 single-pole 20A Panasonic relays	\$8,570
<b>RPCR-32</b>	RPC Relay panel with 32 single-pole 20A Panasonic relays	\$9,640
<b>RPCR-48</b>	RPC Relay panel with 48 single-pole 20A Panasonic relays	\$12,337
<b>RPCR-64</b>	RPC Relay panel with 64 single-pole 20A Panasonic relays	\$14,744
<b>-2P</b>	Substitutes 1 240V 2-pole relay for one single pole relay.	\$71
<b>-2P277</b>	Substitutes 1 277V 2-pole relay for one single pole relay.	\$88
<b>Brownout-8</b>	Adds brownout functions for RPCR-8	\$516
<b>Brownout</b>	Adds brownout functions for RPCR-16 through RPCR-64	\$756

# XPC

## XTEND POWER CONTROL SERIES REMOTE RELAY MODULES

### Integrate Remote Components and Control Them Through Web-Enabled Devices

- Integrate XPC-powered components via the RPC, RPCR and NPAC or the XPC standalone controller
- Mount anywhere and connect via your network
- Built-in web server with browser interface
- Set-up, control and monitor via smartphone, tablet or computer

### Power for Components in Hard to Reach Areas

- Easily add components to an existing LynTec system
- Place Xtend modules anywhere there's a circuit
- Power and control components at the equipment location

## XPC STANDALONE CONTROLLER

### Required for Systems Without an RPC, RPCR or NPAC Onsite

- Interfaces with IP, Telnet, DMX, sACN or contact closure control systems
- Enable up to 12 zones across the entire system and control each with a different protocol
- Circuit-level sequencing with customizable step-rates from fractions of a second to 999 seconds (reverse off)
- Circuit selectable load shedding and auto-on
- Built-in scheduling program with astronomical clock and up to 84 schedule options



Product #	Description	List Price
<b>XRM 20 Relay Module</b>	Standalone 20-amp cube enclosure with two independent relays to control the two onboard duplex plugs. 5.50"H x 6.40"W x 3.75"D	\$428
<b>XRM 30 Relay Module</b>	Standalone 30-amp cube enclosure with a single relay switch that controls a single 30A L5-30 receptacle. 9"H x 6"W x 4"D	\$668
<b>XRS 20 Rack Sequencer</b>	A 1RU rack-mounted enclosure powered from a 20-amp circuit to control three duplex receptacles, each with dedicated relay switch for onboard sequencing. Includes line conditioning and surge protection. 1.75"H x 19"W x 7"D	\$758
<b>XRS 80 Rack Sequencer</b>	A hardwired vertical rack-mounted strip, managing up to four 20-amp circuits for powering four corresponding duplexes, each with dedicated switch for onboard control. 32"L x 3.5"W x 2"D	\$852
<b>XPC Controller</b>	Standalone controller for XRM and XPS units	\$1,072

# NPAC

## MULTI-CIRCUIT, RACK MOUNT NETWORKABLE POWER AUTOMATION CONTROL

### HARDWARE FEATURES

- 80A capacity
- 120V and 240V models available
- Four 20A IEC inputs feed either 4 or 8 Panasonic latching relays
- Four 20A commercial-grade duplex Nema 5-20 outlets (6-20 for 240V models)
- Server/client architecture means that you can control up to 10 NPAC units on a single network
- RJ-45 network connection
- DMX in & isolated thru connections
- Emergency override input
- Four contact closure inputs
- Standard 2RU rack size (3.5")
- ETL listing to UL1419 & CSA 60950 standard pending



### SOFTWARE FEATURES

- Built-in web server with browser interface for super-easy set up
- Circuit level sequencing with selectable individual step-rates (25ms to 999 seconds)
- Built in scheduling program with astronomical clock and 84 schedule events
- Can be interfaced with any control system that communicates individual circuit addresses in HTTP, Telnet, DMX, sACN or contact closure
- Circuit selectable load-shedding feature for emergency shutoff
- Brownout (under-voltage) and over-voltage protection with automatic shut-down and controlled restart

Product #	Description	List Price
<b>NPAC-120-4</b>	NPAC rack-mount panel with 4 120V 20A relays (max input 80A; 7680W)	\$2,455
<b>NPAC-120-8</b>	NPAC rack-mount panel with 8 120V 20A relays (max input 80A; 7680W)	\$2,781
<b>NPAC-240-4</b>	NPAC rack-mount panel with 4 240V 20A relays (max input 80A; 15,360W)	\$2,794
<b>NPAC-240-8</b>	NPAC rack-mount panel with 8 240V 20A relays (max input 80A; 15,360W)	\$3,374
<b>NPAC-OR</b>	Outbound relay option. Incorporates NPAC browser control of external loads and devices. Two low-voltage outbound contacts. Replaces DMX Control.	\$220
<b>NPAC-CBL20</b>	Cable upgrade - Four 20' cables. Replaces four standard 8' cables	\$73

# MSP | MODULAR SEQUENCING PANELBOARDS

**Circuit protection and control in one panel!**

## SPECIFYING IN 3 EASY STEPS

1. Choose three phase (3) or single phase (1)
2. Choose the number of circuits: **38, 41 or 53** (38 circuits if the main size is less than 100A--see below)
3. Choose the maximum number of controlled circuits: **12, 24, 36, 48 or 60**

EXAMPLE: MSP 341-24 = a 3 phase sequencing panel board with 41 circuits (24 max controlled)

### 3 Phase Main Breaker Options

The standard panelboards have a factory installed, bottom fed, 3 pole, 225 Amp main breaker, Square DJGP36225, 65kAIR

**125, 150, 175 or 200** Amp main breakers are available on special order. Use part number suffix , -MHG3125, -MJG3150 (45 kVA), -MJG3175 (50 kVA) or -MJG3200 (60 kVA) [all 65kAIR].

Add \$100.

\* Smaller main sizes are also available by replacing large main breaker with a 3 pole, back-fed, bolt-on, breaker: -BM3030 (7.5 kVA), -BM3035 (9-10 kVA), -BM3050, -BM3060 (15 kVA), -BM3070 (20 kVA), -BM3090 (25 kVA) or -BM3100 (30 kVA). [All 22kAIR Amps Interrupt Rating]

**NOTE** This modification reduces the number of available branch breaker spaces from 41 to 38, hence a **MSP 341-xx** becomes a **MSP 338-xx**.

Add \$200 for exchange at time of order.

Field exchange price: \$250.

**MLO** Option: Add a **MLO** suffix for **Main Lugs Only**. Deduct \$100 from standard MSP pricing. No field exchanges.

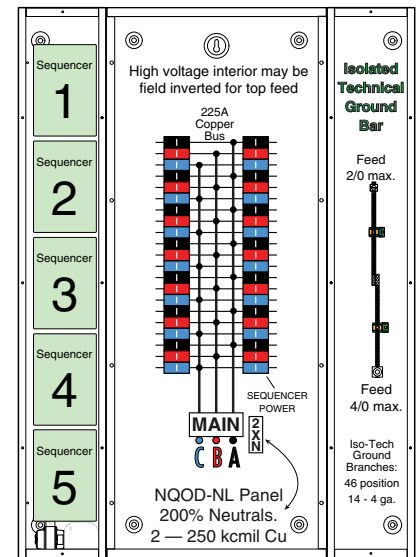
### Single Phase Main Breaker Options

225A bus with 100% neutral, interior with a QGL22xxx main breaker, 65kAIR.

**xxx = 070, 080, 090, 100, 125, 150, 175, 200 or 225** Amp main breaker.

Because all single phase panelboards are special order,

(**NCNR** Non Cancellable Non Returnable), there is no "standard" main breaker for single phase MSP.



THREE PHASE – 4 WIRE, 208Y/120VAC					
Model #	Main Breaker (amps)	Useful 120V Ampacity derated to 80%	Branch Breaker spaces may be sequenced (BMB) or unsequenced (BUMB)	Controller Capacity (will drive up to this many breakers)	List Price
MSP 341-12	70-225	[540 A @120v]	41	12	\$6,960
MSP 341-24	70-225	[540 A @120v]	41	24	\$7,654
MSP 341-36	70-225	[540 A @120v]	41	36	\$8,288
MSP 341-48	70-225	[540 A @120v]	41	48	\$8,923
MSP 341-60	70-225	[540 A @120v]	41	60	\$9,559
Panel Options					
Main Breaker options: See previous page available sizes and model suffix					\$143
Main Lug Only option: Add suffix -MLO Deduct from standard panelboard pricing					-\$143
When a 3 phase main breaker of less than 100 Amps is required. A smaller back fed, bolt-on, main breaker is installed. EX: MSP 338-12, -24, -36, -48 or -60 -BM3xxx See previous page for main breaker options.					\$308
400 A Panel option (Useful Ampacity: 960A @120V)					\$386

\* Motorized Breakers are required to complete this system. Please see page 12 for breaker pricing.

# MSLC, LCLC & SCLC LOAD CENTERS

Circuit protection and control in one panel!

Three control options available:

**MS SERIES** adds **ONE-TOUCH** sequential on/off control

**LC SERIES** adds **DMX512** individual circuit control

**SC SERIES** adds **RS-232** individual circuit control

## SPECIFYING IN 5 EASY STEPS

1. Choose the control method **MS**=Sequencing, **LC**=DMX512, and **SC**=RS-232
2. Choose the cabinet style: **LC** for load center.
3. Choose three phase (**3**) or single phase (**1**)
4. Choose the number of circuits: **26** or **41**
5. Choose the maximum number of controlled circuits: **12, 24, 36,** or **48** for MS and **10, 20, 30,** or **40** for LC and SC

EX: **MSLC 326-24** = a 3 phase sequencing load center with 26 circuits (24 max controlled)

\* All LynTec products can be daisy-chained



## Main Breaker & MLO Options

### Single Phase Load Center

The standard Single Phase **LC 129-xx** has a factory installed, two pole, 200 Amp main breaker. (When a 37.5 kVA transformer is source)

Optional main breaker available: **150** Amps. Part number suffix: **-M1150**.

Smaller main sizes are also available by replacing the main breaker with a 2 pole, back-fed breaker: **-M1030** (When a 5 kVA transformer is source),

**-M1040** (7.5 kVA), **-M1060** (10 kVA), **-M1080** (15 kVA) or **-M1100** (20 kVA).

\***Note** This modification reduces the number of available branch breaker spaces from 29 to 27, hence a **MSLC 129-xx** becomes a **MSLC 127-xx**.

Add \$150 for exchange at time of order. Field exchange price: \$200.

### Small 3 Phase Load Center

The standard **LC 326-xx** has a clip-on, back-fed, 3 pole, 100 Amp main breaker. (When a 30 kVA transformer is source) In some instances a smaller isolation transformer feeding the panel requires the use of a smaller main breaker.

Optional main breakers available: **25, 30, 50, 60, 70** or **90** Amps. [All 22kAIR Amps Interrupt Rating]

Use part number suffix: **-M3025** (When a 5 kVA transformer is source), **-M3030** (9 kVA), **-M3060** (15 kVA), **-M3070** (20 kVA), or **-M3090** (25 kVA). Add \$150 for exchange at time of order. Field exchange price: \$200.

Outside dimensions  
20.9" w x 39.3" h x 3.9" d

### Large 3 Phase Load Center

The standard **LC 341-xx** has a factory installed, 3 pole, 225 Amp main breaker (65 kVA transformer) [25kAIR Amps Interrupt Rating].

**150 & 200** Amp main breakers are available on special order. Use part number suffix **-M3150** (45 kVA) or **-M3200** (60 kVA) [All 25kAIR] Add \$100. Field exchange price: \$150.

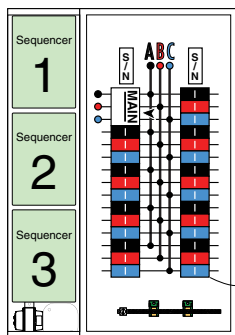
Smaller main sizes are also available by replacing the large main breaker with a 3 pole, back fed breaker: **-M3030** (7.5 kVA), **-M3035** (10 kVA), **-M3050** (15 kVA),

**-M3070** (20 kVA), **-M3090** (25 kVA) or **-M3100** (30 kVA) [All 22kAIR Amps Interrupt Rating]

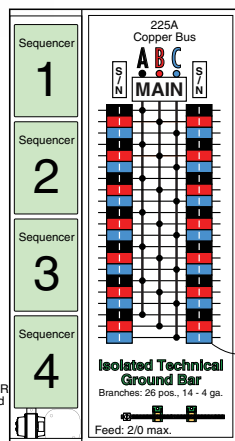
**Note** This modification reduces the number of available branch breaker spaces from 41 to 38, hence a **SCLC 341-xx** becomes a **SCLC 338-xx**. Add \$150 for exchange at time of order. Field exchange price: \$200.

**-MLO (Main Lug Only)** Option: We only stock **load centers** with main breakers. If your spec. requires a MLO we will provide it at the same price as the standard panel.

Outside dimensions  
20.9" w x 29.8" h x 3.9" d



SEQUENCER POWER  
10A supplied installed



SEQUENCER POWER  
10A supplied installed



# LOAD CENTER PRICING

Motorized Breakers are required to complete this system. Please see page 18 for breaker pricing.

## SINGLE PHASE – 3 WIRE, 120/240VAC

Model #	Power Type--Single or Three Phase	Square D Reference number (all UL listed)	Main Breaker (amps)	Branch Breaker spaces may be sequenced or unsequenced	Sequencer Capacity (will drive up to this many breakers)	List Price
MSLC 129-12	1Ø, 3 wire, 120/240Vac	Q0130M200	200 [240 Amps @120v]	29	12	\$2,969
MSLC 129-24	1Ø, 3 wire, 120/240Vac	Q0130M200	200 [240 Amps @120v]	29	24	\$3,617
MSLC 129-36	1Ø, 3 wire, 120/240Vac	Q0130M200	200 [240 Amps @120v]	29	36	\$4,263
<b>129 Main Breaker options:</b> Add suffix -M1150 (45 kVA), <u>Special order</u> . Allow 3 weeks for delivery.						\$143
For smaller main breakers (≤100A) order a <b>MSLC-127-12, -24, or -36</b> with a -M1xxx suffix to denote main size. Back-fed main breaker -M1030, -M1040, -M1060, -M1080 or -M1100 [MSLC 129-xx becomes MSLC 127-xx]						\$215

## THREE PHASE – 4 WIRE, 208Y/120VAC SHORT CABINET – 3 PHASE

Sequencing						
MSLC 326-12	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	12	\$3,237
MSLC 326-24	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	24	\$3,885
MSLC 326-36	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	36	\$4,533
DMX Individual Circuit Control						
LCLC 326-10	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	10	\$3,427
LCLC 326-20	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	20	\$4,075
LCLC 326-30	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	30	\$4,721
RS-232 Individual Circuit Control						
SCLC 326-10	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	10	\$3,427
SCLC 326-20	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	20	\$4,075
SCLC 326-30	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	30	\$4,721
The standard LC 326 have a clip-on, back-fed, 3 pole, 100 Amp main breaker. In some instances a smaller isolation transformer feeding the panel requires the use of a smaller main breaker. <b>326 Main Breaker options:</b> Add suffix at time of order. -M3025, -M3035, -M3050, -M3060, -M3070 or -M3090						\$215

## TALL CABINET – 3 PHASE

MSLC 341-12	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	12	\$4,632
MSLC 341-24	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	24	\$5,279
MSLC 341-36	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	36	\$5,927
MSLC 341-48	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	48	\$6,573
DMX Individual Circuit Control						
LCLC 341-10	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	10	\$4,771
LCLC 341-20	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	20	\$5,419
LCLC 341-30	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	30	\$6,065
LCLC 341-40	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	40	\$6,713
RS-232 Individual Circuit Control						
SCLC 341-10	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	10	\$4,771
SCLC 341-20	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	20	\$5,419
SCLC 341-30	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	30	\$6,065
SCLC 341-40	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	40	\$6,713
The MSLC 341-12, -24, -36, and -48 standard configuration is a factory installed, 3 pole, 225 Amp main breaker (65 kVA). 341 Main Breaker options: Add suffix -M3150 or -M3200						\$143
For smaller main breakers (<150A) order a MSLC-338-12, -24, -36 or -48, with a -M3xxx suffix to denote main size. Large cabinet with smaller back fed main breaker -M3030, -M3035, -M3050, -M3070, -M3090 or -M3100. MSLC 338 adder to 341 prices above						\$215

# MS, LC & SC BRANCH BREAKERS

Not compatible with RPC Series Panelboards

## MS, LC & SC MOTORIZED BREAKERS

Note: LynTec motorized breakers have special 60" long leads not normally stocked by Square D distributors.

Model	Description	List Price
<b>Snap-In Breakers (for use in Both Load Centers and MSP Series)</b>		
<b>MB-15</b>	Motorized Breaker, Square D #QO115PL-5393, 15 Amps (High Magnetic)	\$140
<b>MB-20</b>	Motorized Breaker, Square D #QO120PL-5393, 20 Amps (High Magnetic)	\$140
<b>MB-30</b>	Motorized Breaker, Square D #QO130PL-5393, 30 Amps (NOTE Code requires 30 Amp receptacles [non-Edison])	\$195
<b>MB-220</b>	Motorized Breaker, Square D #QO220PL-5393, 20 Amps 2 pole (High Magnetic)	\$342
<b>Bolt-On Breakers (For use in MSP series ONLY)</b>		
<b>BMB-15</b>	Bolt-on Motorized Breaker, Square D #QOB115PL-5393, 15 Amps (High Magnetic)	\$147
<b>BMB-20</b>	Bolt-on Motorized Breaker, Square D #QOB120PL-5393, 20 Amps (High Magnetic)	\$147
<b>BMB-30</b>	Bolt-on Motorized Breakers, Square D #QOB130PL-5393, 30 Amps (NOTE Code requires 30 Amp receptacles [non-Edison])	\$198
<b>BMB-220</b>	Bolt-on Motorized Breaker, Square D #QOB220PL-5393, 2 pole, 20 Amps (High Magnetic)	\$410

## MS, LC & SC UNMOTORIZED BREAKERS

<b>Snap-In Breakers (for use in Both Load Centers and Panelboards)</b>		
<b>UMB-10</b>	UnMotorized Breaker, Square D #QO110, 10 Amps, Single Pole. [for un-sequenced circuits]	\$23
<b>UMB-15</b>	UnMotorized Breaker, Square D #QO115HM, 15 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$23
<b>UMB-20</b>	UnMotorized Breaker, Square D #QO120HM, 20 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$23
<b>Bolt-On Breakers (For use in MSP Series ONLY)</b>		
<b>BUMB-15</b>	Bolt-on UnMotorized Breaker, Square D #QOB115HM, 15 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$32
<b>BUMB-20</b>	Bolt-on UnMotorized Breaker, Square D #QOB120HM, 20 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$32
<b>BUMB-30</b>	Bolt-on UnMotorized Breaker, Square D #QOB130, 30 Amps, Single Pole. [for un-sequenced circuits]	\$32
QO series breakers (both motorized and un-motorized) come in a variety of sizes. If the breaker you need isn't listed here, please call 800-724-4047 for pricing.		

# RELAY PANELS

**PDS, LCRP, SCRP** | ADD CIRCUIT CONTROL TO ANY EXISTING BREAKER PANEL!

**Three control options available:**

**PDS SERIES** adds **ONE-TOUCH** sequential on/off control

**LCRP SERIES** adds **DMX512** individual circuit control

**SCRP SERIES** adds **RS-232** individual circuit control

- Tested, complete package — low labor — mount next to circuit breaker panel to control AC power "hot" lines
- Time proven, reliable, G-E RR7P3 latching relays snap in and have low voltage plug-in connectors
- Low power consumption — no continuous relay coil current — runs cool for long life
- Diagnostic LEDs and internal ON - OFF test switches speed installation for testing and troubleshooting
- Cabinet and all components connected to high voltage are UL listed — Electrician friendly
- 4, 8 or 10 circuits — 120, 240 or 277 volt models available
- Daisy-chains for unlimited circuit count
- Automatic load shedding and brownout protection
- Built-in emergency override function



## G-E RR7P3 Latching Relay



## G-E RR7 and RR9 Relay Ratings

Power Contacts: Latching  
 20A Tungsten, 125Vac 1/2HP motor at 110-125Vac  
 30A Ballast, 277Vac 1 1/2 HP motor at 277Vac  
 30A Resistive, 277VAC  
 20A Ballast, 347VAC 1 1/2 HP motor at 220-277VAC  
 20A Resistive, 347Vac

### FOR COPPER WIRE ONLY

This product is NEC 110 Compliant when used in accordance with the following: Suitable For Use On A Circuit Capable Of Delivering Not More Than 10 kA Sym. Amps., 277 Volts Maximum.  
 UL Listed 508G Industrial Control Equipment — CSA certified

Low voltage characteristics — RR7P3  
 P3 suffix denotes a 3 pin, .156" AMP or Molex connector attached.  
 RR9P has a five pin connector.

Actuating coils: 21-30 Vac (class 2) Momentary. OFF (1-black), ON (2-red), Common (3-Blue) 55-60 Ohms DCR, each coil.

# RELAY PANEL PRICING

Sequencing			
Model	Description		List Price
PDS-10-4	120v 4 circuit model. Cabinet & sequencer complete with 4 ea. RR7P3 Relays, each having 20 Amp switching capability, with one SS-2 Switch Set		\$1,481
PDS-10-8	120v 8 circuit model. Cabinet & sequencer complete with 8 ea. RR7P3 Relays, each having 20 Amp switching capability, with one SS-2 Switch Set		\$1,747
PDS-10	120v, 10 circuit model. Cabinet & sequencer complete with 10 ea. RR7P3 Relays, having 20 Amp switching capability., with one SS-2 Switch Set		\$1,861
CT-2	Contact Translator for PDS series controllers - 2 -DPDT latching relays on circuit board - plugs onto adjacent PDS step connectors		\$93
DMX Individual Circuit Control			
LCRP-4	120 V--4 circuit model. Cabinet & DMX512 controller with 4 RR7P3 Relays (20A switching capability each)		\$1,481
LCRP-8	120 V--8 circuit model. Cabinet & DMX512 controller with 8 RR7P3 Relays, (20A switching capability each)		\$1,747
LCRP-10	120 V--10 circuit model. Cabinet & DMX512 controller with 10 RR7P3 Relays, (20A switching capability each)		\$1,861
CTL-2	Contact Translator for LCRP series controllers - 2 -DPDT latching relays on circuit board - plugs onto adjacent LCRP step connectors		\$93
RS-232 Individual Circuit Control			
SCRP-10-4	120 V--4 circuit model. Cabinet & RS-232 controller with 4 RR7P3 Relays (20A switching capability each)		\$1,481
SCRP-10-8	120 V--8 circuit model. Cabinet & RS-232 controller with 8 RR7P3 Relays, (20A switching capability each)		\$1,747
SCRP-10	120 V--10 circuit model. Cabinet & RS-232 controller with 10 RR7P3 Relays, (20A switching capability each)		\$1,861
RR-9 Upgrade	Replaces RR7 Relays with RR9 relays for completion verification option, please specify at time of order Price per relay:		\$53
Alternative Voltages			
For 240v operation: Add <b>OV</b> erseas suffix to part number for 240v transformer. Example: PDS-10 <b>OV</b> (NOT CE rated)			\$45
277V option: Replaces 120V transformer with a 277V transformer. Add to above prices.			\$105
RR7 Relays		RR9 Relays	
Quantity	List Price	Quantity	List Price
Quantity: 1 to 3	\$103	Quantity: 1 to 3	\$164
For larger quantities, please call for volume discounts			




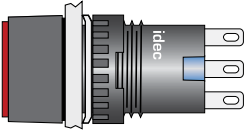



## MOTORIZED BREAKER RETROFIT BOXES

For use with existing Square D QO series panels

Sequencing		
MRTS-12	12 circuit modular sequencer with 120v power supply & 10A CONTROL POWER breaker mounted in rain tight cabinet. Controls 1-12 motorized breakers (not included).	\$1,769
MRTS-24	24 circuit modular sequencer with 120v power supply & 10A CONTROL POWER breaker mounted in rain tight cabinet. Controls 1-24 motorized breakers (not included).	\$2,469
DMX Individual Circuit Control		
RBLC-10	One DMX512 10 circuit controller in raintight enclosure with power transformer & 10A CONTROL POWER breaker. Controls 1-10 motorized breakers (not included).	\$1,769
RBLC-20	Two DMX512 10 circuit controllers in raintight enclosure with power transformer & 10A CONTROL POWER breaker. Controls 1-20 motorized breakers (not included).	\$2,469
RS-232 Individual Circuit Control		
RBSC-10	One RS-232 10 circuit controller in raintight enclosure with power transformer & 10A CONTROL POWER breaker. Controls 1-10 motorized breakers (not included).	\$1,769
RBSC-20	Two RS-232 10 circuit controllers in raintight enclosure with power transformer & 10A CONTROL POWER breaker. Controls 1-10 motorized breakers (not included).	\$2,469

# ACCESSORIES

## (SWITCHES, SPD UNITS, UPGRADES)

Switches		List Price
Model	Description	
<b>KS-2L</b>	Locking Key Switch, SPDT, Supplied with 2 keys and tumbler lock-position label. For remote mounting in double-flatted .640" x .750" or 3/4" diameter round hole. <div style="text-align: right;">  </div>	\$38
<b>SS-2</b>	Additional Sequencer ON/OFF Switch set, SPDT. (One is included with each PDS, MSLC or MSP sequencer system). OFF and illuminated ON push-button switches with built-in legends. 1 set required for each control location. (up to 5 supported) <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p>Green - LED illuminated    Red - not illuminated</p> <div style="display: flex;">   </div> <p>SS-2 Switch Set, actual size Mount in 5/8" round holes on 1" centers. Maximum panel thickness 1/4".</p> </div> <div style="width: 30%; text-align: center;">  <p>side view (IDEC AL6 series) Both ON &amp; OFF are momentary SPDT.</p> </div> <div style="width: 20%; text-align: center;">  <p>PDF Brochure</p> </div> <div style="width: 20%; text-align: center;">  </div> </div>	\$88
<b>SS-2PL</b> or <b>SS-2DL</b>	Locking Switch Set. One <b>SS-2</b> switch set on a single gang stainless steel wall plate (SS-2PL) or a stainless steel decora insert (SS-2DPL) with a locking switch, 2 keys, and a tumbler lock-position label. Key may be removed in either locked or unlocked position.	\$129
<b>SS-32</b>	Same as SS-2 except both switches are DPDT. Additional set of momentary contacts useful for controlling other devices.	\$129
<b>SS-32PL</b>	Same as SS-2PL except both switches are DPDT. Additional set of momentary contacts useful for controlling other devices.	\$168
<b>SS-2LRP</b>	Locking Switch Set. One <b>SS-2</b> switch set on a single <b>Rack Plate</b> with a locking switch, 2 keys, and a tumbler lock-position label. Key may be removed in either locked or unlocked position. 19" x 1.72". Custom printing available. <div style="text-align: center;">  </div>	\$176
<b>SS-4LRP</b>	Locking Switch Set. Two <b>SS-2</b> switch sets on a single <b>Rack Plate</b> with two locking switches & 4 keys. Key may be removed in either locked or unlocked position. 19" x 1.72".	\$302
<b>ZOS-5K</b>	ZipOff Switch with flip-up security cover for PDS, MSLC & MSP (Kill compatible sequencers) NOTE The ZipOff switch is a carryover from legacy sequencers. The HurryOff function, now built into the PDS, MSLC & MSP sequencers can usually replace the ZipOff switch. Hold down any OFF switch 2 seconds to HurryOff. This invokes Kill, an instant shut-down without automatic re-sequencing.	\$72

## SURGE SUPPRESSION

<b>SSP02XDSE10A1</b>	Square D Surgelogic Type 1 SPD 3ø, 208Y/120V TVSS 100kA Surge Protection Device. Mounts adjacent to any 3ø panel UL listed. May require 30A/3P unmotorized breaker if main circuit breaker is not present.	\$1,853
----------------------	--	---------

## COMPLETION RELAY OPTION FOR MS-12

<b>CR-x Mod</b>	Completion Relay mod. for MSLC or MSP Modular sequencers. 1 - SPDT relay - Available at time of manufacture only. -x = Specify board position.	\$110
-----------------	--	-------

## MODULAR SEQUENCER UPGRADE

### MS-12 Modular Sequencer Boards on Adaptor Plate/s to upgrade older SLC or SP Systems

<b>MUK-12</b>	Modular Upgrade Kit, 12 circuit. 1 MS-12 Modular Sequencer board on adaptor plate. Mounts in place of SLC 16 or 26 circuit board.	\$913
<b>MUK-24</b>	Modular Upgrade Kit, 24 circuit. 2 MS-12 Modular Sequencer boards on adaptor plate. Mounts in place of SLC 16 or 26 circuit board.	\$1,634
<b>MUK-36</b>	Modular Upgrade Kit, 36 circuit. 3 MS-12 Modular Sequencer boards on 2 adaptor plates. Mounts in place of SLC 16 or 26 circuit board.	\$2,654