

LynTec

CATALOG 01/02/19

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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.

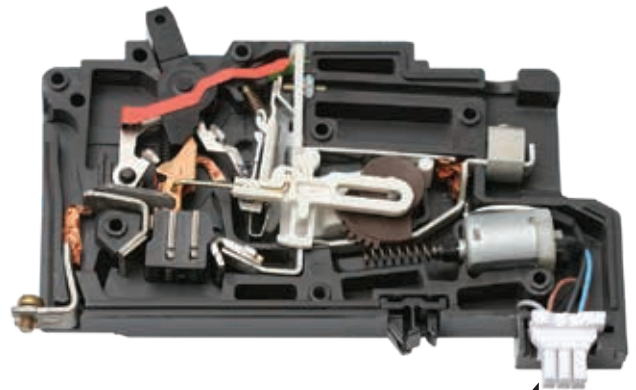
IT'S AN ESSENTIAL PART OF A QUALITY INSTALLATION!

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

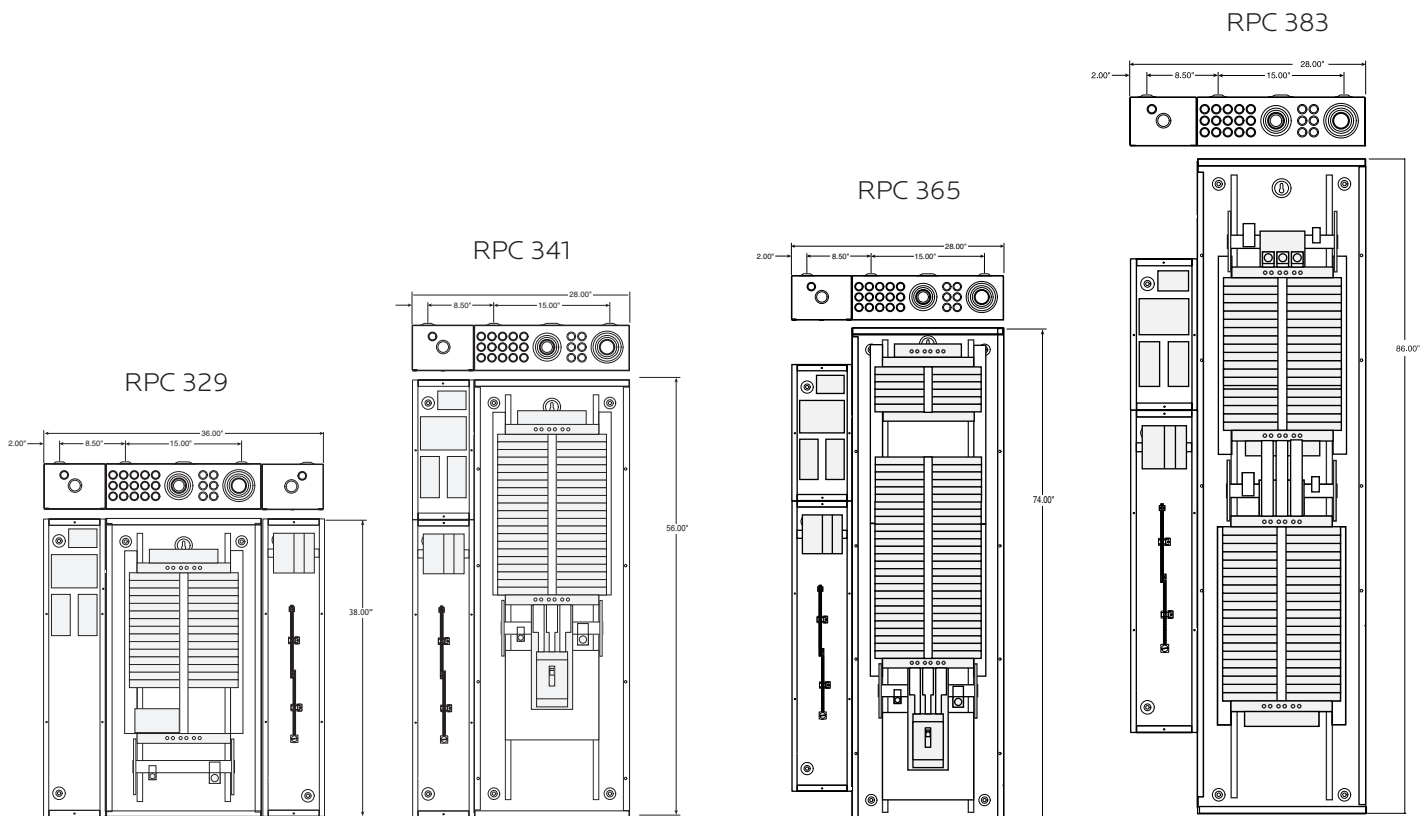
1. Designate the panel as a Controller or a Slave panel: RPC = Controller, RPS = Slave
2. Choose three phase (3) or single phase (1)
3. Choose Main Breaker (MCB) or main lugs only (MLO)
4. Choose the number of circuits: 29, 41, 65 or 83 for controllers and powered slaves, 30, 42, 66, or 84 for standard slaves
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 slave panels with an isolated technical ground cabinet add suffix -ITG. For slave panels located more than 400 ft from the controller panel, use suffix -ITGP. P = remote power supply in slave panel.

EXAMPLE: **RPC 341** = a 3 phase remote panel board with a controller and 41 circuits

RPS 342 ITG = a 3 phase remote slave panel board with 42 circuits and an isolated technical ground sidecar

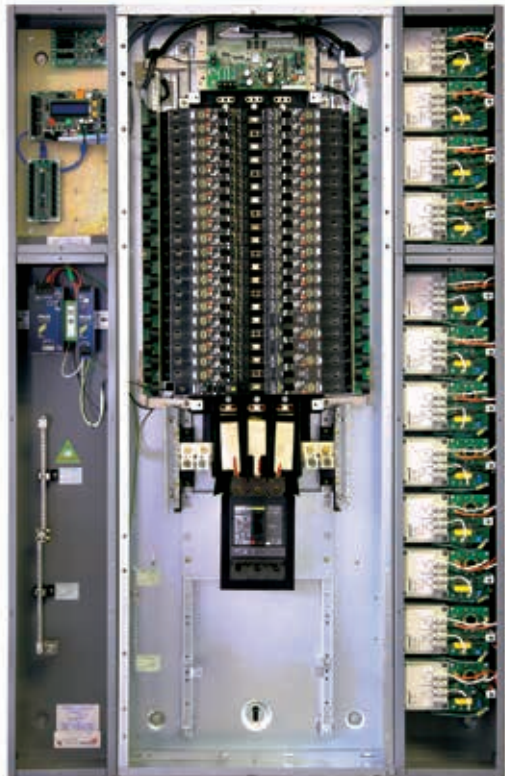


Model	Standard Main	Other Main Options	400A Option
RPC 329	100A	up to 125A	NA
RPC 341	225A	100A, 125A, 150A, 175A, 200A (<100A use model RPC 338)	RPC 341 M400
RPC 365	225A	100A, 125A, 150A, 175A, 200A	RPC 365 M400
RPC 383	400A MLO	NA	NA

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

RPC PANEL PRICING

LynTec Model	Description	List Price
	Panels	
RPC 329	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 29 breakers, Controls up to 155 breakers.	\$6,938
RPS 330-ITG	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, is controlled by RPC panel. Isolated technical ground sidecar.	\$3,465
RPS 330	3Ø, 4 wire, 208Y/120Vac, 100A Main, Holds 30 breakers, is controlled by RPC panel.	\$2,783
RPC 338	3Ø, 4 wire, 208Y/120Vac, Mxxx A Main, Holds 38 breakers, Controls up to 164 breakers. For main breakers less than 100A.	\$8,823
RPC 341	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 41 breakers, Controls up to 167 breakers.	\$8,357
RPS 342-ITG	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 42 breakers, is controlled by RPC panel. Isolated technical ground sidecar.	\$4,795
RPS 342	3Ø, 4 wire, 208Y/120Vac, 225A Main, Holds 42 breakers, is controlled by RPC panel.	\$4,278
RPC 365	RPC 365 Remote Power Control Panel, 3Ø, 4 wire, 208Y/120Vac, 225A main, Holds 65 breakers.	\$12,142
RPS 366	RPS 366 Remote Power Slave Panel, 3Ø, 4 wire, 208Y/120Vac, 225A MCB, Holds 66 breakers, is controlled by RPC panel.	\$8,021
RPC 383	3Ø, 4 wire, 208Y/120Vac, 400A MLO, Holds 83 breakers, Controls up to 167 breakers. (Available in areas where NEC 2008 has been adopted.)	\$13,873
RPS 384	3Ø, 4 wire, 208Y/120Vac, 400A MLO, Holds 84 breakers, is controlled by RPC panel. (Available in areas where NEC 2008 has been adopted.)	\$9,393
-UL924	-UL924 Emergency lighting option for RPC panels. Includes all UL924 labelling.	\$17
For Main Lug only Panels add suffix MLO (ex. RPC 341-MLO) and deduct:		\$143
For powered slaves add "P" suffix (ex: RPS 342-ITGP) and add :		\$1,759



Motorized Breakers are required to complete this system. Please see next page 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.



RPC SERIES BREAKER PRICES

MOTORIZED BREAKERS

Product #	Description	List Price
MBR-15	Bolt-on Motorized Breaker, Square D #ECB14015G3, 15 Amp. Single Pole	\$176
MBR-20	Bolt-on Motorized Breaker, Square D #ECB14020G3, 20 Amp. Single Pole	\$176
MBR-30	Bolt-on Motorized Breaker, Square D #ECB14030G3, 30 Amp. Single Pole	\$176
MBR-215	Bolt-on Motorized Breaker, Square D #ECB240215G3, 15 Amp. Two Pole	\$358
MBR-220	Bolt-on Motorized Breaker, Square D #ECB240220G3, 20 Amp. Two Pole	\$358
MBR-230	Bolt-on Motorized Breaker, Square D #ECB240230G3, 30 Amp. Two Pole	\$358
MBR-315	Bolt-on Motorized Breaker, Square D #ECB340215G3, 15 Amp. Three Pole	\$541
MBR-320	Bolt-on Motorized Breaker, Square D #ECB340220G3, 20 Amp. Three Pole	\$541
MBR-330	Bolt-on Motorized Breaker, Square D #ECB340230G3, 30 Amp. Three Pole	\$541

UNMOTORIZED BREAKERS

UBR-15	Bolt-On UnMotorized Breaker, Square D #EDB14015, 15 Amps. Single Pole	\$109
UBR-20	Bolt-On UnMotorized Breaker, Square D #EDB14020, 20 Amps. Single Pole	\$109
UBR-30	Bolt-On UnMotorized Breaker, Square D #EDB14030, 30 Amps. Single Pole	\$109
UBR-215	Bolt-On UnMotorized Breaker, Square D #EDB24015, 15 Amps. Two Pole	\$315
UBR-220	Bolt-On UnMotorized Breaker, Square D #EDB24020, 20 Amps. Two Pole	\$315
UBR-230	Bolt-On UnMotorized Breaker, Square D #EDB24030, 30 Amps. Two Pole	\$315



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

RPC I/OR Board	Incorporates RPC browser control of external loads and devices. Available with dry contact relays or high current transistors. Eight outputs per board.	\$812
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HIGH CURRENT CONTROL

CTR-1115	CTR-1115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 1 contactor in an 16x14x8 enclosure.	\$1,332
CTR-2115	CTR-2115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 2 contactors in an 16x14x8 enclosure.	\$1,975
CTR-3115	CTR-3115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 3 contactors in an 24x24x8 enclosure.	\$3,347
CTR-4115	CTR-4115 Remote Contactor for panels. For loads up to 115A inductive, 200A resistive. Includes 4 contactors in an 24x24x8 enclosure.	\$3,990

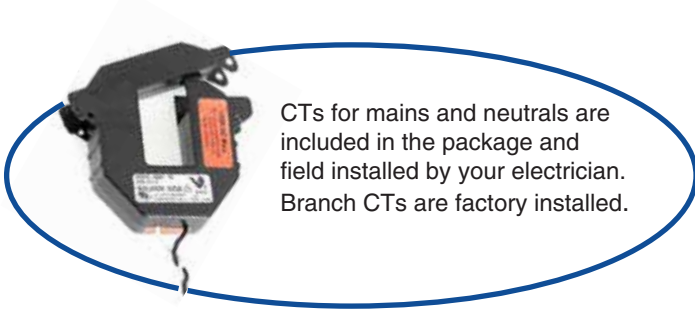
For larger loads, please contact for pricing.

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

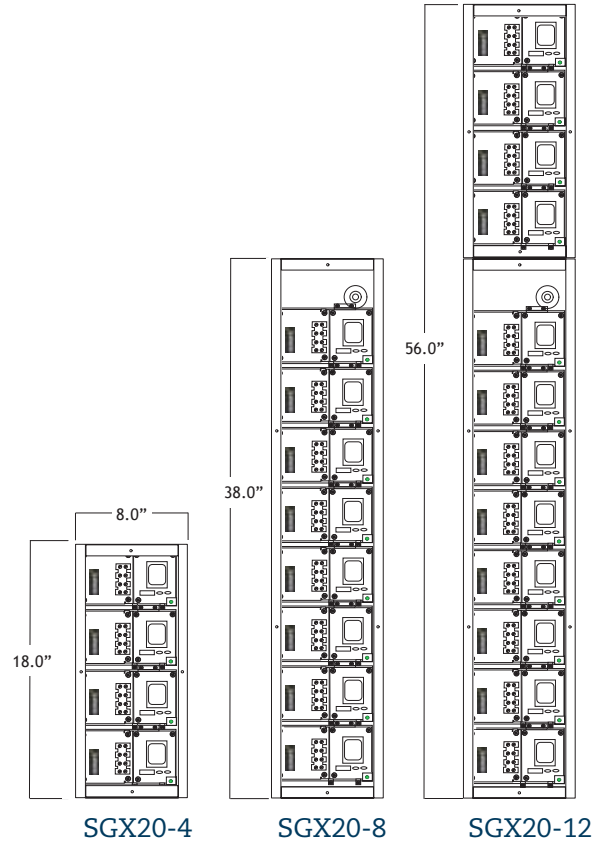
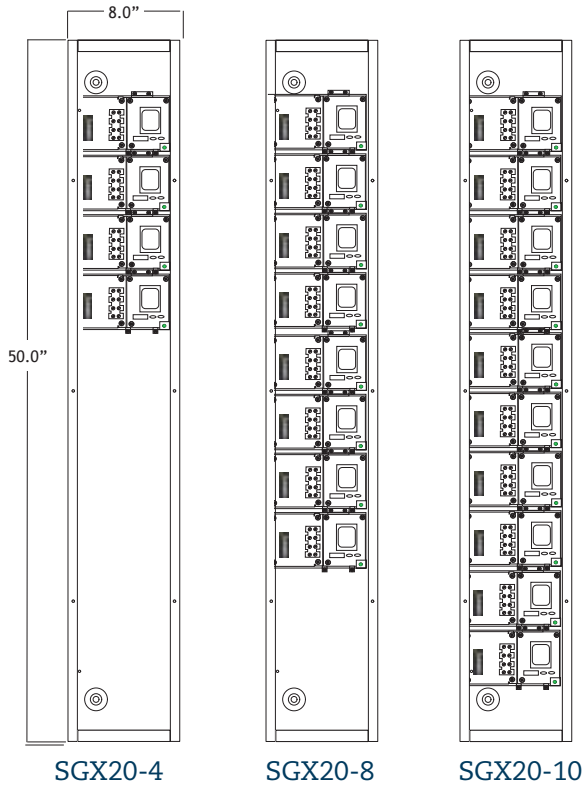
Product #	Description	List Price
CM-H	Current, Power and Energy monitoring for both branch circuits and mains. Hardware ONLY. Ready to connect to BMS via Modbus.	\$3,948
CM-S-BASIC	Current Monitoring Basic Software Site License. Includes real time display, short term graphs, alarm notification and data collection/export.	\$1,254
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 - Only available on MSP, LCP or SCP Series
- SGX20-12 - Only available on the RPC Series



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

Product #	Description	List Price
SGX20-4	LynTec sidecar with 4 20A SurgeX Modules	\$1,856
SGX20-8	LynTec sidecar with 8 20A SurgeX Modules	\$3,428
SGX20-10	LynTec sidecar with 10 20A SurgeX Modules (MSP, LCP, SCP only)	\$4,213
SGX20-12	LynTec sidecar with 12 20A SurgeX Modules (RPC only)	\$5,099

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
RPCR-8	RPC Relay panel with 8 single-pole 20A Panasonic relays	\$2,898
RPCR-16	RPC Relay panel with 16 single-pole 20A Panasonic relays	\$5,386
RPCR-24	RPC Relay panel with 24 single-pole 20A Panasonic relays	\$8,079
RPCR-32	RPC Relay panel with 32 single-pole 20A Panasonic relays	\$9,087
RPCR-48	RPC Relay panel with 48 single-pole 20A Panasonic relays	\$11,630
RPCR-64	RPC Relay panel with 64 single-pole 20A Panasonic relays	\$13,899
-2P	Substitutes 1 240V 2-pole relay for one single pole relay.	\$67
-2P277	Substitutes 1 277V 2-pole relay for one single pole relay.	\$83
Brownout-8	Adds brownout functions for RPCR-8	\$487
Brownout	Adds brownout functions for RPCR-16 through RPCR-64	\$713

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
XRM 20 Relay Module	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
XRM 30 Relay Module	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
XRS 20 Rack Sequencer	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
XRS 80 Rack Sequencer	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
XPC Controller	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
NPAC-120-4	NPAC rack-mount panel with 4 120V 20A relays (max input 80A; 7680W)	\$2,315
NPAC-120-8	NPAC rack-mount panel with 8 120V 20A relays (max input 80A; 7680W)	\$2,622
NPAC-240-4	NPAC rack-mount panel with 4 240V 20A relays (max input 80A; 15,360W)	\$2,634
NPAC-240-8	NPAC rack-mount panel with 8 240V 20A relays (max input 80A; 15,360W)	\$3,180
NPAC-OR	Outbound relay option. Incorporates NPAC browser control of external loads and devices. Two low-voltage outbound contacts. Replaces DMX Control.	\$208
NPAC-CBL20	Cable upgrade - Four 20' cables. Replaces four standard 8' cables	\$69

MSP, LCP & SCP PANELBOARDS

Circuit protection and control in one panel!

SPECIFYING IN 5 EASY STEPS

1. Choose the control method **MS**=Sequencing, **LC**=DMX512, and **SC**=RS-232
2. Choose the cabinet style: **P** for panelboard
3. Choose three phase (**3**) or single phase (**1**)
4. Choose the number of circuits: **38 or 41** (38 circuits if the main size is 100A or less--see below)
5. Choose the maximum number of controlled circuits: **12, 24, 36, or 48** for MS and **10, 20, 30, 40, or 50** for LC and SC

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

LCP 341-30 = a 3 phase DMX controlled panel board with 41 circuits (30 max controlled)

Three control options available:

MS SERIES ONE-TOUCH
sequential on/off control
(Pictured left)

LC SERIES DMX512
individual circuit control
(Pictured right)

SC SERIES RS-232
individual circuit control
(Pictured right)

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

30 Main Breaker Options

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.



PANELBOARD PRICING

SINGLE PHASE – 3 WIRE, 120/240VAC

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
Sequencing					
MSP 141-12	70-225	[112 A to 360 A @120v]	41	12	\$6,542
MSP 141-24	70-225	[112 A to 360 A @120v]	41	24	\$7,141
MSP 141-36	70-225	[112 A to 360 A @120v]	41	36	\$7,749
MSP 141-48	70-225	[112 A to 360 A @120v]	41	48	\$8,338
MSP 141-60	70-225	[112 A to 360 A @120v]	41	60	\$8,937

SINGLE PHASE DMX (LCP) AND RS-232 (SCP) PANELBOARDS ARE AVAILABLE UPON REQUEST.

PLEASE CALL 800-724-4047 FOR PRICING

THREE PHASE – 4 WIRE, 208Y/120VAC					
MSP 341-12	70-225	[540 A @120v]	41	12	\$6,561
MSP 341-24	70-225	[540 A @120v]	41	24	\$7,215
MSP 341-36	70-225	[540 A @120v]	41	36	\$7,813
MSP 341-48	70-225	[540 A @120v]	41	48	\$8,412
MSP 341-60	70-225	[540 A @120v]	41	60	\$9,011
DMX Individual Circuit Control					
LCP 341-10	70-225	[540 A @120v]	41	10	\$5,934
LCP 341-20	70-225	[540 A @120v]	41	20	\$6,533
LCP 341-30	70-225	[540 A @120v]	41	30	\$7,131
LCP 341-40	70-225	[540 A @120v]	41	40	\$7,730
LCP 341-50	70-225	[540 A @120v]	41	50	\$8,327
RS-232 Individual Circuit Control					
SCP 341-10	70-225	[540 A @120v]	41	10	\$5,934
SCP 341-20	70-225	[540 A @120v]	41	20	\$6,533
SCP 341-30	70-225	[540 A @120v]	41	30	\$7,131
SCP 341-40	70-225	[540 A @120v]	41	40	\$7,730
SCP 341-50	70-225	[540 A @120v]	41	50	\$8,327
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
Upgrade to 53 circuit panel					\$957

* 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)

LCP 341-30 = a 3 phase DMX controlled panel board with 41 circuits (30 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].

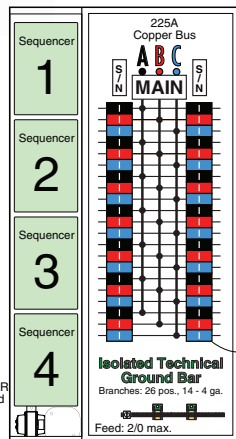
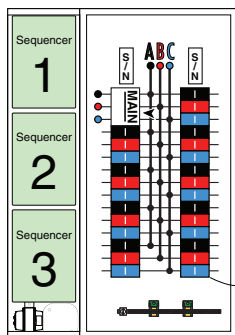
150 & 200 Amp main breakers are available on special order. Use part number suffix **-M3150** (45 kVA) or **-M3200** (60 kVA) [All 25kAIR] Add \$100. Field exchange price: \$150.

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



LOAD CENTER PRICING

Motorized Breakers are required to complete this system. Please see page 12 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	\$2,799
MSLC 129-24	1Ø, 3 wire, 120/240Vac	Q0130M200	200 [240 Amps @120v]	29	24	\$3,410
MSLC 129-36	1Ø, 3 wire, 120/240Vac	Q0130M200	200 [240 Amps @120v]	29	36	\$4,019
129 Main Breaker options: Add suffix -M1150 (45 kVA), <u>Special order</u> . Allow 3 weeks for delivery.						\$143
For smaller main breakers (≤100A) order a MSLC-127-12, -24, or -36 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	\$3,052
MSLC 326-24	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	24	\$3,662
MSLC 326-36	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	36	\$4,273
DMX Individual Circuit Control						
LCLC 326-10	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	10	\$3,231
LCLC 326-20	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	20	\$3,841
LCLC 326-30	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	30	\$4,450
RS-232 Individual Circuit Control						
SCLC 326-10	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	10	\$3,231
SCLC 326-20	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	20	\$3,841
SCLC 326-30	3Ø, 4 wire, 208Y/120Vac	Q0327M100	100 [240 Amps @120v]	26	30	\$4,450
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. 326 Main Breaker options: 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	\$4,366
MSLC 341-24	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	24	\$4,977
MSLC 341-36	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	36	\$5,587
MSLC 341-48	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	48	\$6,196
DMX Individual Circuit Control						
LCLC 341-10	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	10	\$4,498
LCLC 341-20	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	20	\$5,108
LCLC 341-30	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	30	\$5,717
LCLC 341-40	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	40	\$6,328
RS-232 Individual Circuit Control						
SCLC 341-10	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	10	\$4,498
SCLC 341-20	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	20	\$5,108
SCLC 341-30	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	30	\$5,717
SCLC 341-40	3Ø, 4 wire, 208Y/120Vac	Q0342MQ225	225 [540 Amps @120v]	41	40	\$6,328
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
Snap-In Breakers (for use in Both Load Centers and Panelboards)		
MB-15	Motorized Breaker, Square D #QO115PL-5393, 15 Amps (High Magnetic)	\$132
MB-20	Motorized Breaker, Square D #QO120PL-5393, 20 Amps (High Magnetic)	\$132
MB-30	Motorized Breaker, Square D #QO130PL-5393, 30 Amps (NOTE Code requires 30 Amp receptacles [non-Edison])	\$184
MB-220	Motorized Breaker, Square D #QO220PL-5393, 20 Amps 2 pole (High Magnetic)	\$322
Bolt-On Breakers (For use in Panelboards ONLY)		
BMB-15	Bolt-on Motorized Breaker, Square D #QOB115PL-5393, 15 Amps (High Magnetic)	\$138
BMB-20	Bolt-on Motorized Breaker, Square D #QOB120PL-5393, 20 Amps (High Magnetic)	\$138
BMB-30	Bolt-on Motorized Breakers, Square D #QOB130PL-5393, 30 Amps (NOTE Code requires 30 Amp receptacles [non-Edison])	\$186
BMB-220	Bolt-on Motorized Breaker, Square D #QOB220PL-5393, 2 pole, 20 Amps (High Magnetic)	\$387

MS, LC & SC UNMOTORIZED BREAKERS

Snap-In Breakers (for use in Both Load Centers and Panelboards)		
UMB-10	UnMotorized Breaker, Square D #QO110, 10 Amps, Single Pole. [for un-sequenced circuits]	\$22
UMB-15	UnMotorized Breaker, Square D #QO115HM, 15 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$22
UMB-20	UnMotorized Breaker, Square D #QO120HM, 20 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$22
Bolt-On Breakers (For use in Panelboards ONLY)		
BUMB-15	Bolt-on UnMotorized Breaker, Square D #QOB115HM, 15 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$30
BUMB-20	Bolt-on UnMotorized Breaker, Square D #QOB120HM, 20 Amps Single Pole. (High Magnetic) [for un-sequenced circuits]	\$30
BUMB-30	Bolt-on UnMotorized Breaker, Square D #QOB130, 30 Amps, Single Pole. [for un-sequenced circuits]	\$30
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!

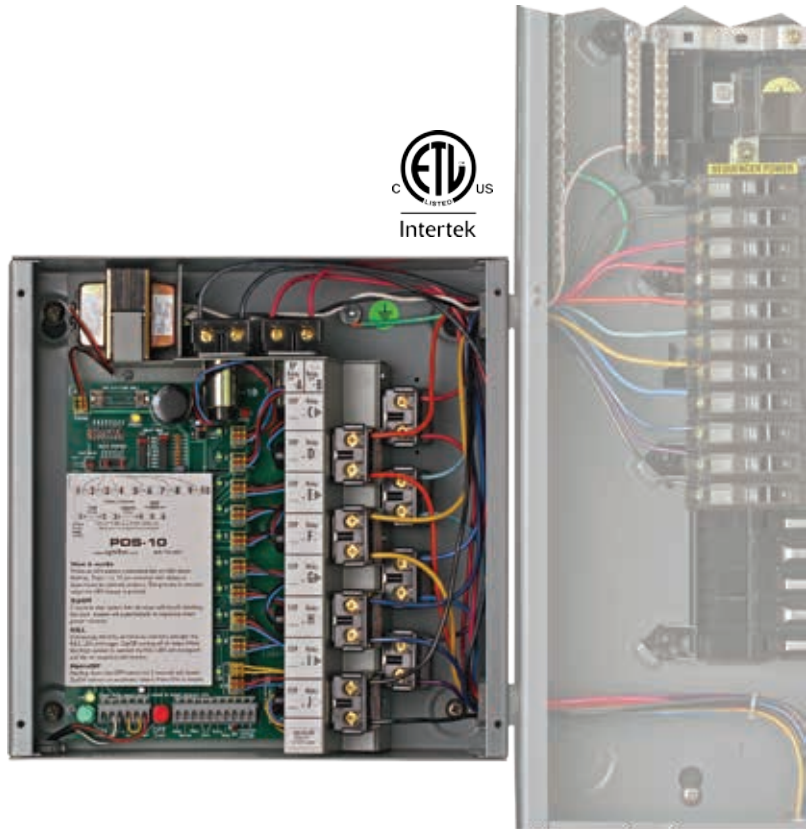
Three control options available:

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		\$1,396
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		\$1,647
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		\$1,754
CT-2	Contact Translator for PDS series controllers - 2 -DPDT latching relays on circuit board - plugs onto adjacent PDS step connectors		\$88
DMX Individual Circuit Control			
LCRP-4	120 V--4 circuit model. Cabinet & DMX512 controller with 4 RR7P3 Relays (20A switching capability each)		\$1,396
LCRP-8	120 V--8 circuit model. Cabinet & DMX512 controller with 8 RR7P3 Relays, (20A switching capability each)		\$1,647
LCRP-10	120 V--10 circuit model. Cabinet & DMX512 controller with 10 RR7P3 Relays, (20A switching capability each)		\$1,754
CTL-2	Contact Translator for LCRP series controllers - 2 -DPDT latching relays on circuit board - plugs onto adjacent LCRP step connectors		\$88
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)		\$1,396
SCRP-10-8	120 V--8 circuit model. Cabinet & RS-232 controller with 8 RR7P3 Relays, (20A switching capability each)		\$1,647
SCRP-10	120 V--10 circuit model. Cabinet & RS-232 controller with 10 RR7P3 Relays, (20A switching capability each)		\$1,754
RR-9 Upgrade	Replaces RR7 Relays with RR9 relays for completion verification option, please specify at time of order Price per relay:		\$50
Alternative Voltages			
For 240v operation: Add OV seas suffix to part number for 240v transformer. Example: PDS-10 OV (NOT CE rated)			\$43
277V option: Replaces 120V transformer with a 277V transformer. Add to above prices.			\$99
RR7 Relays		RR9 Relays	
Quantity	List Price	Quantity	List Price
Quantity: 1 to 3	\$97	Quantity: 1 to 3	\$155
For larger quantities, please call for volume discounts			


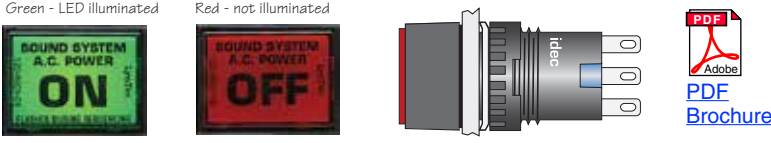


MOTORIZED BREAKER RETROFIT BOXES

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).	\$1,667
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).	\$2,328
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).	\$1,667
RBLC-20	Two DMX512 10 circuit controllers in raintight enclosure with power transformer & 10A CONTROL POWER breaker. Controls 1-20 motorized breakers (not included).	\$2,328
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).	\$1,667
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).	\$2,328

ACCESSORIES

(SWITCHES, TVSS UNITS, UPGRADES)

Switches		List Price
Model	Description	
KS-2L	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.	\$36
		
SS-2	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)	\$83
	<p>Green - LED illuminated Red - not illuminated</p>  <p>SS-2 Switch Set, actual size Mount in 5/8" round holes on 1" centers. Maximum panel thickness 1/4".</p> <p>side view (IDEC AL6 series) Both ON & OFF are momentary SPDT.</p> 	
SS-2PL or SS-2DL	Locking Switch Set. One SS-2 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.	\$122
SS-32	Same as SS-2 except both switches are DPDT. Additional set of momentary contacts useful for controlling other devices.	\$122
SS-32PL	Same as SS-2PL except both switches are DPDT. Additional set of momentary contacts useful for controlling other devices.	\$159
SS-2LRP	Locking Switch Set. One SS-2 switch set on a single Rack Plate 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".	\$166
		
ZOS-5K	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.	\$68

SURGE SUPPRESSION

TVS1HWA10X	Square D Surgelogic 1ø, 240/120V TVSS 100kA Surge Protection Device. Mounts adjacent to any 1ø panel, requires a 2 pole 30A breaker to connect. UL listed.	\$2,173
TVS2HWA10X	Square D Surgelogic 3ø, 208Y/120V TVSS 100kA Surge Protection Device. Mounts adjacent to any 3ø panel, requires a 3 pole 30A breaker to connect. UL listed.	\$2,173

COMPLETION RELAY OPTION FOR MS-12

CR-x Mod	Completion Relay mod. for MSLC or MSP Modular sequencers. 1 - SPDT relay - Available at time of manufacture only. -x = Specify board position.	\$103
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MODULAR SEQUENCER UPGRADE

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

MUK-12	Modular Upgrade Kit, 12 circuit. 1 MS-12 Modular Sequencer board on adaptor plate. Mounts in place of SLC 16 or 26 circuit board.	\$860
MUK-24	Modular Upgrade Kit, 24 circuit. 2 MS-12 Modular Sequencer boards on adaptor plate. Mounts in place of SLC 16 or 26 circuit board.	\$1,540
MUK-36	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.	\$2,502