



**LynTec
LDI 2015
Booth 863**

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Company Quote:

“A major aim with all of our products is to improve efficiency, performance, and ease of use for our customers. This year at LDI, we’ll be showing new and upgraded products that do just that. Everything on display builds on the success of our RPC platform and enables new or greater use of it. The new scheduling module, panels, and I/O-R board bring about a whole slew of new capabilities along with expanded system control — all designed to make setup and operation simpler and more efficient. We also have an exciting update to our RPC panels to be safely used for egress lighting systems, reducing costs and saving valuable space.”

— **Mark Bishop, president of LynTec**

LynTec Products on Display at LDI 2015:

Scheduling Module for RPC Platform

At LDI 2015, LynTec will demonstrate the new timed-event scheduling and astronomical clock capabilities of its RPC and RPCR Automated Relay Panel products. Enabling timed control of on/off events at the circuit level, the product innovations provide customers with the market’s simplest scheduling system to both program and use. The astronomical clock keeps track of local sunrise and sunset times in order to synchronize systems automatically, which simplifies the programming of sunrise and sunset events without needing to purchase any additional software, hardware, or costly third-party scheduling systems.

More...

Programmable via internal Web pages, the new module can be configured to time-of-day or day-of-week events while working seamlessly with other control inputs to increase setup flexibility. The ability to set deactivation times for circuits makes installations more efficient by ensuring that systems and components are not accidentally left on — without the need for any input from the end user — resulting in reduced energy consumption and longer life cycles for electronics.

Photo Link: www.ingearpr.com/LynTec/LynTec_Scheduler.jpg

Photo Caption: LynTec RPC Scheduling Module

Expanded RPC Lineup

On display at LDI 2015 will be three new circuit count panels for LynTec's RPC line of remote-control breaker panels. The new panels make it possible for LynTec customers to add more circuits in the same horizontal wall space to control a greater number of components as needed. The three new RPC panels take advantage of a change in the National Electrical Code that allows them to support 48, 66, and 84 circuit breaker positions, respectively. Previously, RPC panels were available only with 30 or 42 circuit breaker slots. Now customers have incremental options between the 30- and 84-position panels with no increase in width. All RPC panels leverage the RPC controller's ability to address up to 168 motorized circuit breakers. The new panels are also available as main lug only (MLO) and main circuit breaker (MCB) in 225-, 400- and 600-amp interiors.

CTR High-Current Latching Contactor Panels

LDI 2015 visitors will see LynTec's CTR Series of high-current latching contactor panels for the company's RPC Series controllers. In conjunction with the controllers, the CTR panels give users the option to control loads — either individually or as part of a system sequencing group — that require more power than the maximum 30 amps a motorized circuit breaker can provide. The CTR panels come loaded with up to four latching contactors that are used to control high current loads. The contactors are fed with nonmotorized, three-pole circuit breakers from an RPC panel and then operated by the RPC controller.

Power loads greater than 30 amps can be programmed and controlled just like a motorized breaker in LynTec's RPC panels by placing a CTR contactor panel after an RPC breaker panel. Mechanically-held contacts do not require holding current, which protects the circuit from power droops and reduces operating costs. Furthermore, users can manually override the contactors to close or open circuits in the absence of automatic control.

The combination of CTR and RPC panels is well-suited to high-current applications such as video walls or spaces that use high-current electrical busways instead of individual outlets.

Photo Link: www.ingearpr.com/LynTec/LynTec_CTR_Composite.jpg

Photo Caption: LynTec CTR Panels

New I/O-R Board for the RPC Platform

Visitors to LDI 2015 will be the first to see LynTec's new I/O-R board ("O-R" stands for "outbound relay") for the RPC platform, which expands RPC control options to include high-current contactors and outlet control. The I/O-R board allows users to control devices outside of the RPC panel — that is, any device that can be controlled with a low-voltage dry-contact closure — as part of the RPC control platform. As a result, users have more flexibility to connect and control complex systems on a single control platform instead of using multiple control systems, which dramatically simplifies control setup and equipment operation. Users can assign

More...

an address to any of the remote devices and control it individually or as part of a system sequence.

The I/O-R board installs into an RPC panel like a standard I/O board. Once installed, the I/O outputs can be programmed to operate in the same way as a motorized breaker via the RPC controller Web interface, enabling users to address each output individually and then assign the device to a zone for automated control. Industry-standard dry-contact relays provide control flexibility beyond motorized breakers.

Photo Link: www.ingearpr.com/LynTec/LynTec_IOR.jpg

Photo Caption: LynTec I/O-R Board

Egress Lighting Program Update for RPC Panels

LynTec's RPC family of panels has received an update on its egress lighting functionality, offering remote controllable panels for emergency lighting and power equipment. The RPC panel turns circuits on instantly and automatically for emergency egress lighting, regardless of control protocol or zone assignment, eliminating the need for separate emergency lighting panels and high-voltage switches. The panel helps ensure that users comply easily with federal, state, and local egress or emergency lighting codes as required for any new or upgraded lighting installation.

Company Overview:

LynTec is a leading manufacturer of innovative electrical power control solutions for professional audio, video, and lighting systems. Working closely with system designers, LynTec incorporates electrical protection, circuit switching capabilities, and an operational controller within a common enclosure — saving valuable wall space, lowering installation costs, and simplifying system operation. This state-of-the-art approach to electrical control solutions has positioned LynTec as a trusted resource for any installation with complex power control requirements. More information is available at www.LynTec.com.

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