

Pow-R-Command 750 lighting control saves you money



Eaton has the most innovative designs and energy savings to meet your building and lighting control needs. Providing superior lighting control is the driving force behind the creation of the Pow-R-Command™ 750 panelboard. The Pow-R-Command 750 is a microprocessor-based programmable lighting control system that can be used to control all of the lighting in your commercial, retail and manufacturing facilities.

Today's society is becoming more and more concerned about energy conservation. Anytime you see the lights left on in an unoccupied building, you are seeing money wasted right before your eyes. According to the New Buildings Institute, "Lighting controls can reduce energy use by 50% in existing buildings and by at least 35% in new construction." Clearly, Pow-R-Command 750 lighting control gives you a good return on your investment.

Lighting control is a large part of today's building codes from Energy Policy Act of 2005 (EPAct), ASHRAE® Standards 90.1, and a great opportunity to earn LEED® points.

The cost-effective lighting control and energy management system saves...

Time

- Make quick modifications with one-shot scheduling
- Lights automatically shut off with courtesy Blink feature
- Immediate notification of system failures
- Extend the life of lamps and ballasts and reduce maintenance replacement time
- Memory loss protection increases your uptime

Energy

- Time scheduling turns lights off when not needed
- Flexible load overrides
- Holiday scheduling provides ability to modify daily schedules
- Astronomical real-time clock adjusts to seasonal change

Space

- Intelligent lighting control system equipment mounts in a standard panelboard enclosure and requires no additional wall space
- Optional LCD programming display and keypad does not require any additional wall space



Powering Business Worldwide

You need the latest in lighting control technology

Lighting control should not be complex or time-consuming. At Eaton, we realize that fact, and have engineered the Pow-R-Command 750 to meet the demands of the designer and installer. The PRC750 simplifies lighting control design by allowing you to lay out your system using standard panelboard sizes. There is no need for special external contactors or relay cabinets, and no additional wall and floor space constraints or complicated wiring diagrams.

The PRC750 LCD display and keypad features intuitive user interface for quick and easy setup. This new addition to the panel gets you up and running faster, which saves you energy. With the PRC750, individual loads can be switched at individual panels, and can be controlled through switch inputs (building automation systems, wall switches and the like). The PRC750 system is ideal for the varying demands of today's small to medium facilities including schools, restaurants, retail stores, office buildings and parking structures.

LCD display/ integrated controller

- Real-time clock, astronomical clock
- Day of week repeating schedule
- Eight digital override inputs
- Eight universal inputs
- Programmable off warning by blinking light
- Load priority management



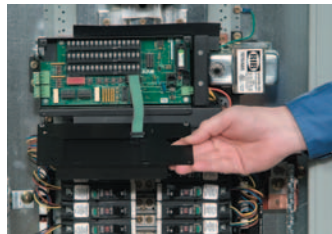
LCD programming display and keypad. Change load descriptions and groups and switch inputs and schedules directly at the panel.

Remote controllable circuit breakers

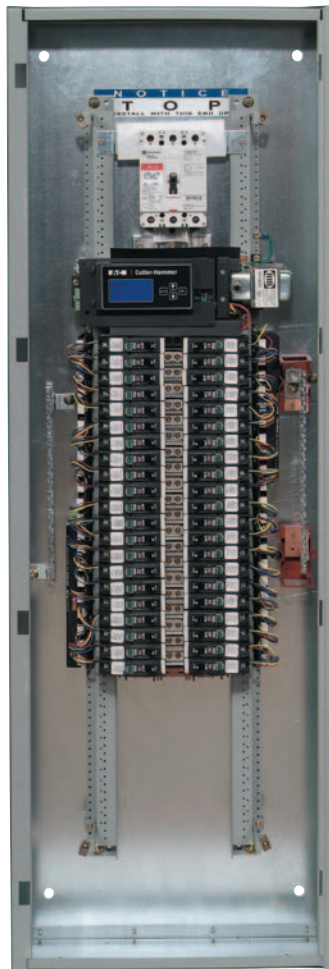
- Eaton's innovative solenoid-operated remote-controlled circuit breakers combine the protective features of the conventional circuit breaker with the switching functions of the contactor
- Series ratings up to 200,000 rms amperes
- Designed for 200,000 operations
- UL® listed for HACR, HID and SWD loads, single- and two-pole versions are available in ratings up to 30A

Switch override inputs

- Provide the ability to connect and monitor up to 16 two-wire dry contact closures from wall switches, occupancy sensors, photocells, building automation system relay contacts or any remotely mounted device with a dry contact
- Input connections to the controller are self-powered
- It is possible to program any input to control any breaker or group of breakers in the system
- Inputs are capable of being individually time-schedule enabled for different days of the week

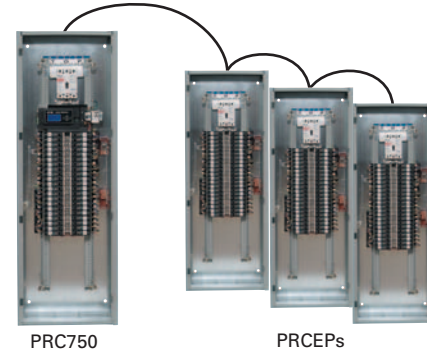


Switch override inputs



PRC750 panelboard interior

How to Apply These Products — PRC750 Integrated Controller Subnet Communication



One PRC750 can control up to three additional 42-circuit Pow-R-Command expansion panels (PRCEPs) for a total of 168 remote controllable breakers.

Standards and certifications

UL Listed	Standard
Panelboards	UL 67, UL 50
Breakers	UL 489
Energy management	UL 916

Panel Design

Voltage ratings	240V, 480Y/277V Single-phase three-wire and three-phase four-wire
Main ampere rating	100–225 MLO and MCB
Branch circuits	18, 30 and 42
EZ™ Box and EZ Trim	20.00 inches (508.0 mm)

For the latest in lighting control technology, you need Pow-R-Command 750 lighting control!

For more information, contact your local eaton sales office.

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