



## Model No's.

# RPC-15, RPC-15S

## Stand-alone units with cord

Lowell Remote Power Controls can be combined with a variety of switches or sequential control devices that provide a dry contact closure for an intrinsically safe low voltage method of controlling AC power to equipment at a remote location. The ability to safely control AC power distribution without directly accessing equipment minimizes the potential for accidental or unauthorized activation. Typical applications include commercial, entertainment, government, education and house-of-worship venues where remote power control is often required.

### Installation

RPCs are typically installed in close proximity of equipment to be controlled. Low-voltage cable is run from the RPC terminal strip to a control switch (such as a switch from Lowell's RPS Series) or other control method. Systems can be configured with multiple RPCs activated by a single switch. Systems can also be configured with multiple switches or trigger voltage sources controlling a single RPC. (See connection diagrams on next page.) RPCs also serve as a key component in Lowell's low voltage sequential control systems (SEQ Series).

### Construction & Features

- Compact steel chassis with black powder epoxy finish
- Power Rating: 15A 125VAC
- One duplex outlet
- Terminates with 6-ft. cord and NEMA 5-15P plug
- ETL Listed (UL 60065) in U.S.A. and Canada
- Made in the U.S.A.
- Model No. RPC-15S also includes surge protection:  
 Maximum Surge Current: ..... 20,000A  
 VPR: ..... 400V  
 Response Time: ..... 1 nanosecond  
 EMI/RFI Noise Reduction: ..... 20dB@100kHz  
 Protection Mode: ..... Line to Neutral  
 Ground Contamination: ..... None



Model No. RPC-15

Model No. RPC-15S  
includes surge protection

### A&E Specifications

The device for remotely controlling AC power shall be Lowell Remote Power Control Model No. \_\_\_\_\_, which shall include a power supply and relay housed in a 7.5"L x 3.25"W x 1.75" steel chassis with a black powder epoxy finish. The unit shall include one duplex outlet with 15A power rating and six-ft. cord with NEMA plug.  
 [ Model No. RPC-15S shall also include surge protection up to 20,000A. ]

### Related Accessories (order separately)

- RPS Series Switch. Selection of rackmount and wall-mount SPST maintained and momentary switches with rocker or key activation.
- SEQ Series Sequencers. Selection of modular low voltage sequencers.
- MSM2. Momentary Switch Module used with momentary contact switches.

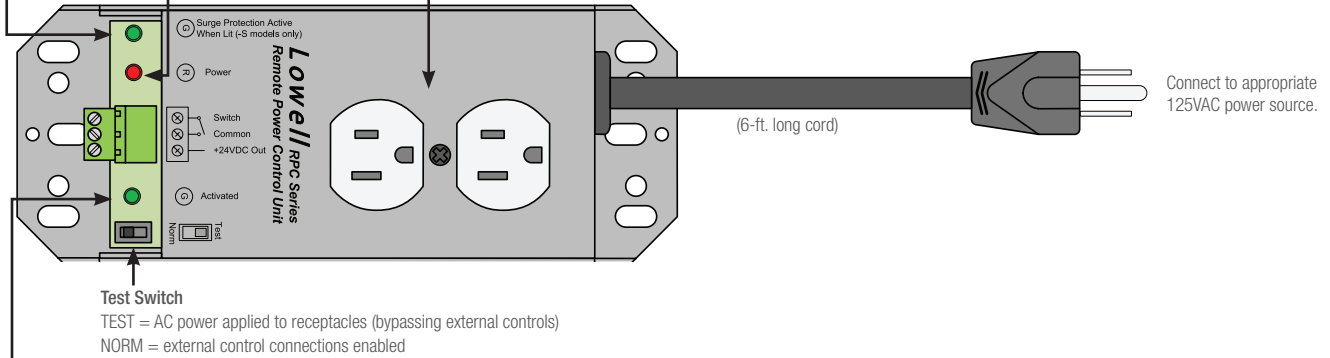
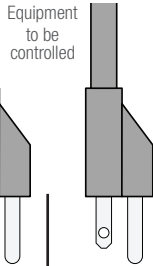
### Model Numbers Summary

| Model No. | Description                      | Chassis Length | Chassis Width | Chassis Height | Total Outlets | Surge Protection | Switch Type |
|-----------|----------------------------------|----------------|---------------|----------------|---------------|------------------|-------------|
| RPC-15    | Low voltage remote power control | 7.5 in.        | 3.25 in.      | 1.75 in.       | 2             | ----             | dry contact |
| RPC-15S   | Low voltage remote power control | 7.5 in.        | 3.25 in.      | 1.75 in.       | 2             | Yes              | dry contact |

\*Minimum rating 30 vdc, 40 mA.

**Green LED (surge protection – Model No. RPC-15S ONLY)**  
 ON = protection active  
 OFF = protection compromised

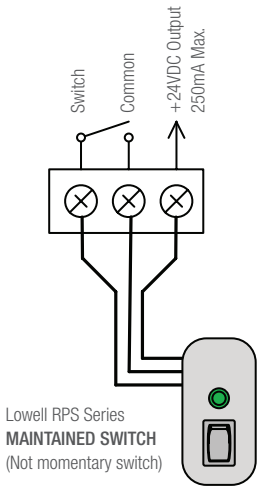
**Red LED (AC power indicator)**  
 ON = power applied to unit  
 OFF = no power to unit



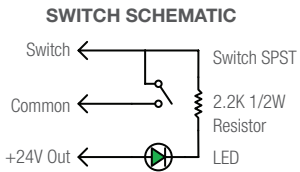
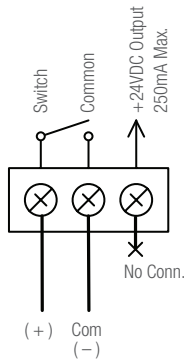
**Green LED (receptacle power indicator)**  
 ON = power applied to receptacles (i.e. receptacles active)  
 OFF = no power to receptacles

**Typical RPC Control Methods:** low voltage, limited current Class 2 wiring

**EXAMPLE 1**



**EXAMPLE 2**



Dry Contact Closure or open-collector transistor switch provided by external sequencer (Lowell SEQ Series) or control system (by others). Follow polarity indicators, if any, on sequencer/controller. (min. rating: 24V, 40mA)

ON = connection applied (closed)  
 OFF = connection removed (open)

**FIRE ALARM PANEL INTERFACE**

APPLICATION EXAMPLE: RPC provides power for retail store music/paging system. Fire Alarm Panel forces music/paging system OFF so alarm can be heard.

NOTE: Use normally closed (NC) contact from Fire Alarm Panel.

