



Model No's. **RPC-30-SHW**

Stand-alone unit with surge protection, 30A, hardwired

Lowell's Remote Power Control with surge protection can be utilized with a variety of switches and control systems or devices that provide either a dry contact closure or voltage output (5V-24V, AC or DC, 3mA) to provide 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 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 to 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 or trigger voltage source. 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: 30A 125VAC
- Receptacle: (1) NEMA L5-30R, (1) mating NEMA L5-30P plug included
- Terminates with 6-ft. non-metallic flexible 1/2" conduit (can be trimmed in the field if needed)
- ETL Listed (UL 60065) in U.S.A. and Canada
- Made in the U.S.A.
- Surge Protection:
 - Maximum Surge Current: 20,000A
 - VPR (UL 1449-3): 400V
 - Response Time: 1 nanosecond
 - EMI/RFI Noise Reduction: 20dB@100kHz
 - Protection Mode: Line to Neutral
 - Ground Contamination: None



A&E Specifications

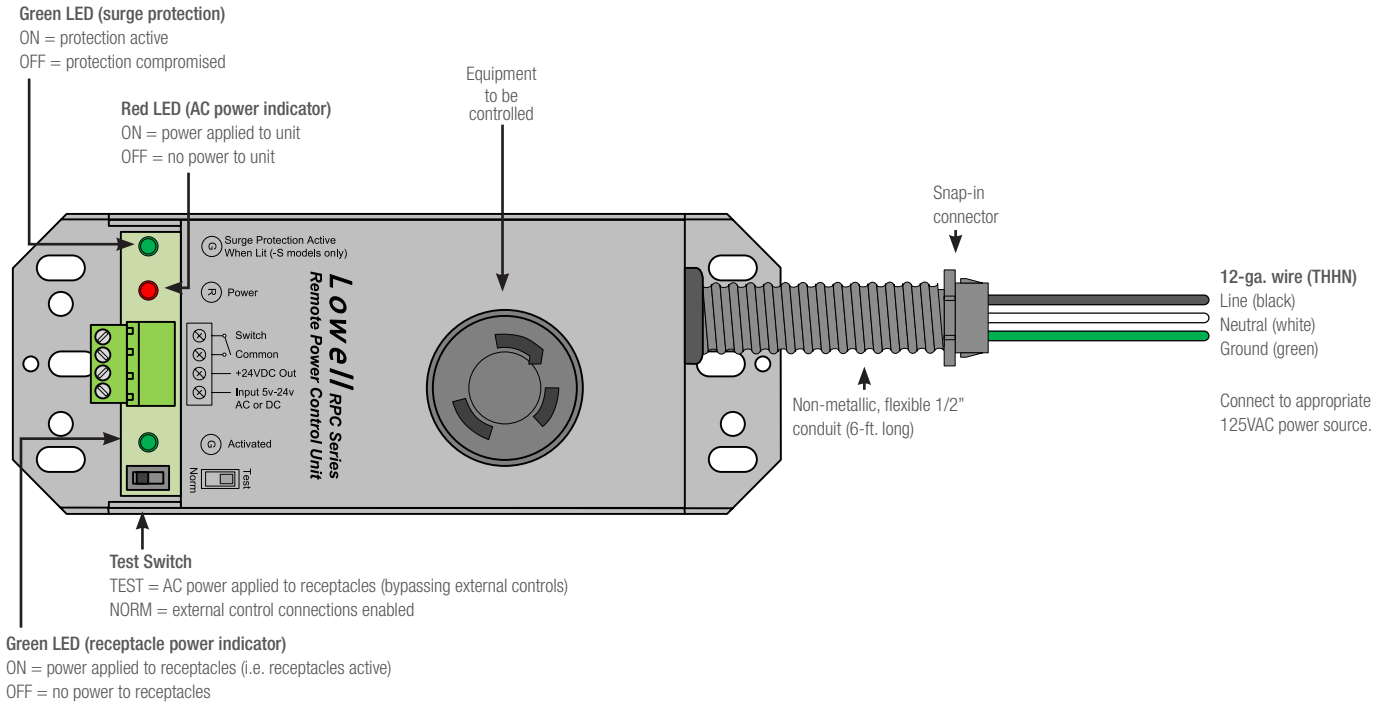
The device for remotely controlling AC power shall be Lowell Model No. RPC-30-SHW, which shall include a power supply and relay housed in a 7.5" L x 3.25" W x 2.75" steel chassis with a black powder epoxy finish. The unit shall include one 30A twistlock outlet and six-ft. non-metallic flexible conduit termination. The unit shall also include basic surge protection up to 20,000A.

Related Accessories (order separately)

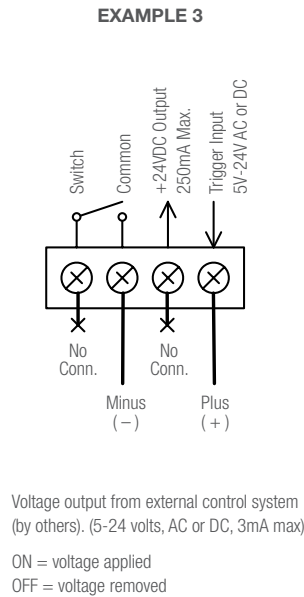
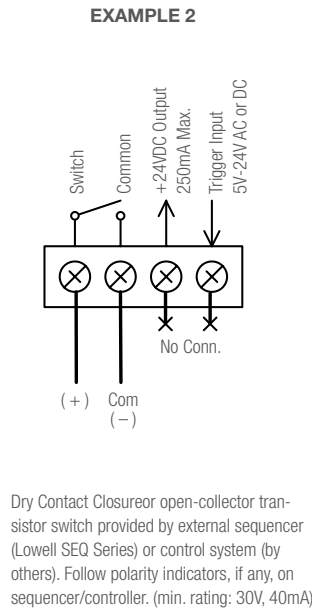
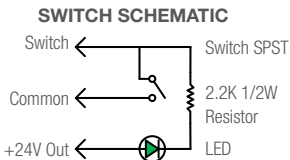
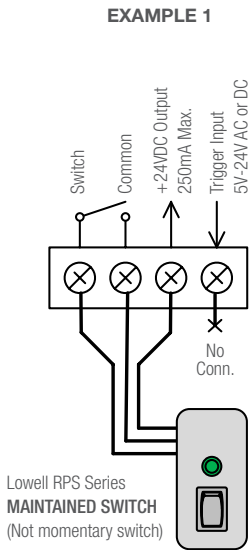
- RPS Series: Selection of rackmount and wall-mount SPST maintained and momentary switches with rocker or key activation.
- SEQ Series: Selection of modular low voltage sequencers.
- MSM2: Momentary Switch Module used with momentary contact switches

Model Numbers

Model No.	Description	Chassis Length	Chassis Width	Chassis Height	Outlet	Switch Type
RPC-30-HW	Low voltage remote power control	7.5"	3.25"	2.75"	30A twistlock	(see page 2)



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



FIRE ALARM PANEL INTERFACE

APPLICATION EXAMPLE: RPC controls the power to a retail store music/paging system. The Fire Alarm Panel contact closure forces the music/paging system OFF so the alarm can be heard.

NOTE: A normally closed (NC) contact from Fire Alarm Panel can be used as shown in Example 2 (at left).

