



Model No.

RPC-P20-SCD

Remote Power Control (w/pass-through jacks)
actives remote equipment — external trigger required

Remote power controls are combined with sequencers and relays to provide an intrinsically safe, low-voltage method of controlling AC power to equipment at remote locations. The RPC-P Series of remote power controls is designed for quick connections (with pass-through RJ45 jacks) and quick changes to the power sequencing order (via onboard DIP switch).



FASTER INSTALLATION with pass-through RJ45 jacks. RPC-P Series remote power controls connect directly to each other—that's one pass around the install instead of back-and-forth to connect each unit to the sequencer.

FLEXIBLE. A step selection switch on each unit allows quick changes to the startup/shut-down sequence—without rewiring.

SCALABLE. Quickly add or remove devices using Cat5/6 cable and RJ45 connectors. The compatible sequencer (ordered separately) can control up to 80 devices from a single location.

FEATURES:

ACTIVATION: The first RPC-P Series remote power control in a system requires connection to a compatible sequencer (SEQ-P4 or SEQR-P4) for activation. Compatible remote power controls and relays can then be connected to the first unit in any order or combination (see page 2). Note: The sequencer will require an external trigger (SPST switch or DSP voltage connection). Each device is sold separately.

SCALABLE, LABOR-SAVING INSTALLATION: RJ45 connectors and Cat5/Cat6 cable promote quick “pass-through” installation and make the system scalable—it's easy to add or remove units as system requirements change. And because the sequencing step is selected via the DIP switch on each unit, the startup/shutdown sequence can be quickly modified without a need to re-wire.

- Install the RPC-P unit near the equipment to be controlled and connect it to a compatible sequencer (SEQ-P Series), remote power control (RPC-P Series), or relay (RY-P1), keeping in mind that the first unit in the system requires connection to the sequencer.
- Use the onboard DIP switch to select a step in the sequencing order (position 1-4). Multiple units can be assigned the same step.
- Multiple RPC-P units can be connected to each other (or compatible relays) to control all from a single location. Up to 20 RPC-P units per sequencing step.
- The maximum distance from the sequencer to the farthest RPC-P is 5,000 ft.

POWER:

- **Power rating:** 125VAC 20A
- **Power input:** 6-ft. attached cord with NEMA 5-20P plug.
- **Power outlets:** NEMA 5-20R duplex

SURGE SUPPRESSION:

- **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

CHASSIS: Steel chassis measures 8.00"L x 3.25"W x 2.75"H.

THIRD PARTY APPROVAL: ETL Listed to UL60065 (US and Canada)

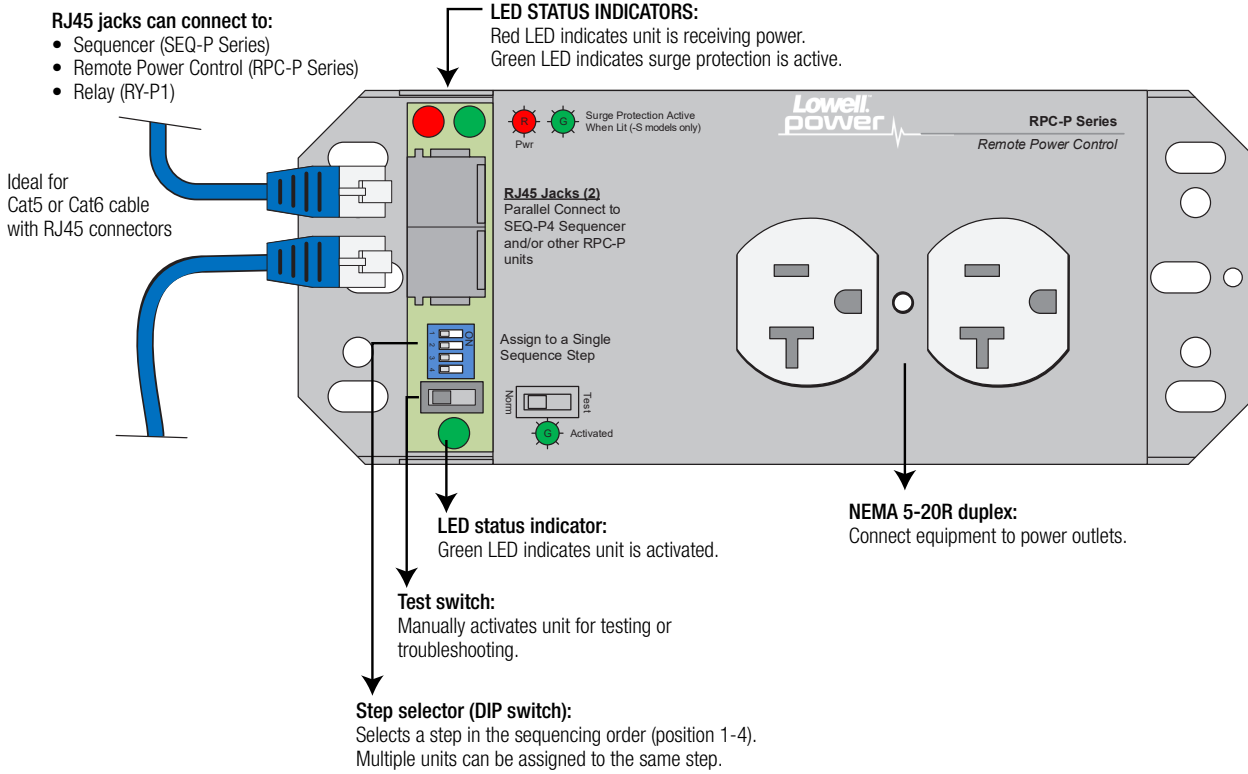
ORIGIN: Made in the USA with US and global components.

COMPLIANCE: TAA compliant, BAA compliant

A&E SPECIFICATIONS:

The device for remotely controlling AC power shall be Lowell model RPC-P20-SCD, which shall be a 8.00" x 3.25" x 2.75" USA-certified steel chassis with smooth-black powder-coat finish. The remote power control shall feature a NEMA 5-20R duplex power outlet, RJ45 jacks (2), attached 6 ft. cord with NEMA 5-20P plug, test switch, LED status indicators, an onboard DIP switch to select its position in the power sequencing order, and surge suppression to protect against power surges up to 20,000A. Power rating shall 125VAC (20A). The unit shall be manufactured in the USA using US and global components. It shall be Trade Agreement Act (TAA) compliant and Buy American Act (BAA) compliant.

NOTE: The first RPC-P Series remote power control in a system is to be connected to an SEQ-P Series sequencer. Additional remote power controls (RPC-P Series) or relays (RY-P1) can then be connected via RJ45 jacks. The sequencer will then activate/deactivate all connected devices.



COMPATIBLE PASS-THROUGH DEVICES (Order separately)

All pass-through devices require sequencer SEQ-P4 or SEQR-P4 for activation. Optional add-on compatible devices are also listed in the chart below. See individual product spec sheets for more information.

| Model No. | Description | Power Rating | Power Input Connection | Output Connection | Output Voltage Rating | Surge Supp. | Activation Trigger |
|-------------|----------------------|--------------|------------------------|-------------------|-----------------------|-------------|----------------------------------|
| SEQ-P4 | Sequencer | | Power supply | | | | External switch or DSP conn* |
| SEQR-P4 | Sequencer, rackmount | | Power supply | | | | Built-in sw, external sw or DSP* |
| RPC-P15-S | Remote Power Control | 125VAC 15A | 5-15P cord | 5-15R duplex | | ✓ | SEQ-P4 or SEQR-P4** |
| RPC-P20-SCD | Remote Power Control | 125VAC 20A | 5-20P cord | 5-20R duplex | | ✓ | SEQ-P4 or SEQR-P4** |
| RPC-P20-SHW | Remote Power Control | 125VAC 20A | Flexible whip | 5-20R duplex | | ✓ | SEQ-P4 or SEQR-P4** |
| RY-P1 | Relay (1 DPDT) | | Power supply | | DPDT Relay 5A | | SEQ-P4 or SEQR-P4** |

THIS SPEC

* Order activation trigger separately, as needed.

** Note that only the first remote device in a string requires connection to the sequencer for activation. A second device would connect to the first using the pass-through RJ45 jacks. Additional devices can be connected to each other in a similar way (up to 20 devices per step).

INTERNAL USE ONLY: PN 24333