

*This sequencer is for use with RPC-P Series remote power controls or RY-P Series relays. See page 2 for list of compatible devices.*

### DESCRIPTION:

This low voltage power sequencer is designed to work with pass-through remote power controls (RPC-P Series) or relays (RY-P Series) to provide time-delayed activation and deactivation of AC powered equipment on site or at remote locations. The labor-saving design features two parallel RJ45 jacks for quick, pass-through connections, and allows activation via an SPST switch or DSP connection.

### FEATURES:

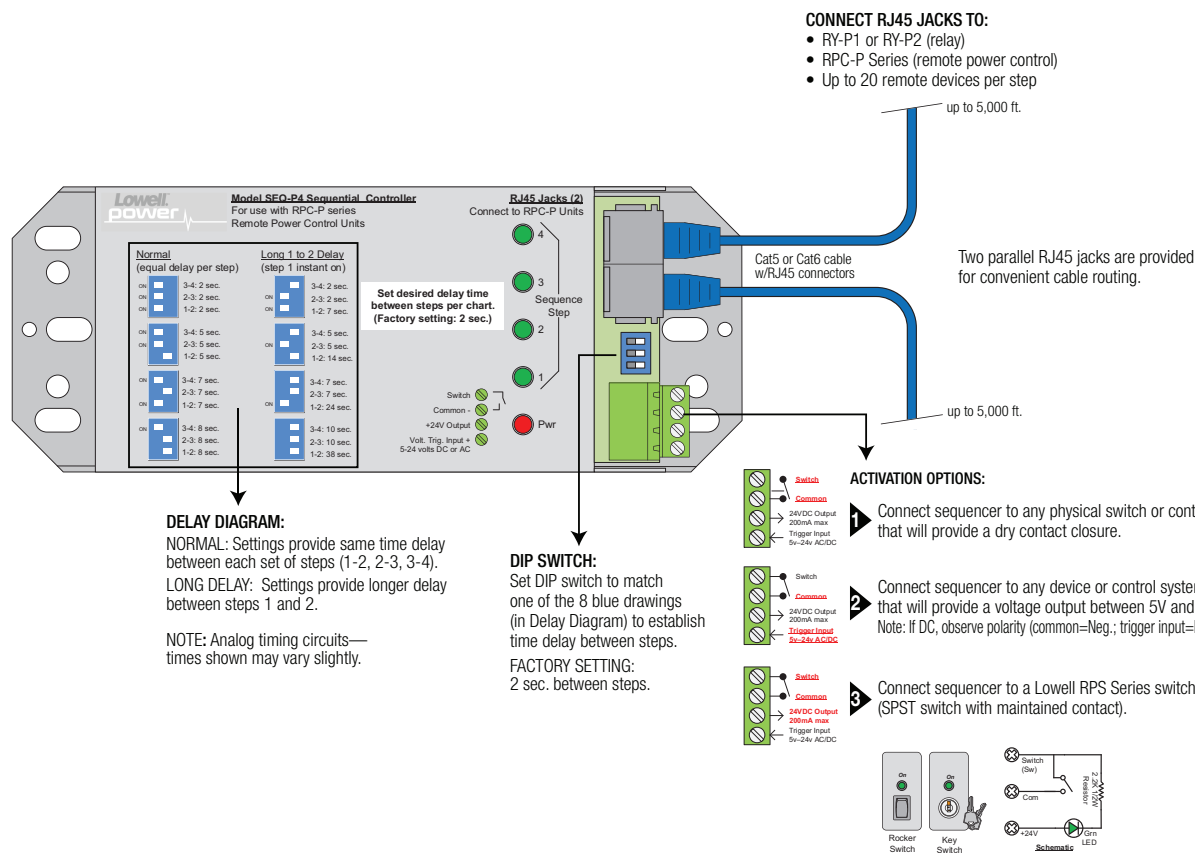
- **Four (4) Step Delay:**
  - Delayed closure circuits activate in sequential order (1,2,3,4), deactivate in reverse order (4,3,2,1).
  - The delay between sequence steps is easily adjusted with a DIP switch. Choose equal delays between steps or varied delays with an extended delay at startup. A chart is printed on the chassis for reference.
- **Quick Connections:** Order compatible (pass-through) remote power controls (RPC-P Series) or relays (RY-P Series) separately.
  - Use the RJ45 jacks to connect to a remote power control or relay using Cat5/6 cable.
  - Because the sequencing step (1-4) is actually made via a DIP switch on each connected device, the startup sequence can be altered without re-wiring.
- **Installation:** Sequencers can be installed in any convenient location, while remote power controls and relays are usually installed near equipment to be controlled.
  - Maximum distance between sequencer and furthest remote power control (RPC-P Series) or relay (RY-P1 or RY-P2) using Cat5/6 cable: 5,000 ft.
  - System Capacity: Accepts up to 20 remote devices per sequence step.
- **Origin:** Made in the U.S.A. with global components.

- **Compact Chassis:** 7"L x 3.28"W x 1.69"H steel chassis with black finish and mounting holes.
  - Operational diagrams on top to aid set-up.
  - LED indicators provide visual status of step activation, and verify power is being supplied to the sequencer.
- **Power Supply:** Includes an attached UL Listed power supply (100-240VAC input, 24VDC 500mA output, 6 ft. cable with NEMA 1-15 plug), plus 3 adapters for international use including Schuko CEE 7/16, BS1362, and AS3112.
- **Activation Trigger (order separately):** This sequencer can be activated by several methods:
  - **Lowell SPST Switch:**
    - For single switch applications, connect the sequencer to an RPS Series switch with MAINTAINED closure.
    - For multi-switch applications, connect the sequencer to Lowell module no. MSM2, then connect the module to an RPS Series switch with MOMENTARY closure.
  - **DSP Connection:** Connect the sequencer to external voltage input from a DSP connection.
  - **System Switch:** Connect the sequencer to any switch or control system that will provide a dry contact closure.

### A&E SPECIFICATIONS:

The power sequencer shall be Lowell model SEQ-P4, which shall feature four delayed closure circuits in RJ45 jacks to activate and deactivate connected devices in a predetermined order, providing adjustable time delays between steps. The 7" x 3.28" x 1.69" chassis shall be steel with black finish, mounting holes, and LED status indicators. The unit shall include a UL Listed power supply (100-240VAC input, 24VDC 500mA output) with 6 ft. cable. The sequencer shall require an external activation trigger (SPST switch or DSP connection, ordered separately). It shall be designed to work with Lowell remote power controls (RPC-P Series) and relays (RY-P1, RY-P2) which shall be ordered separately.



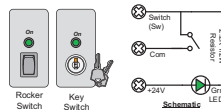


**DELAY DIAGRAM:**  
**NORMAL:** Settings provide same time delay between each set of steps (1-2, 2-3, 3-4).  
**LONG DELAY:** Settings provide longer delay between steps 1 and 2.  
**NOTE:** Analog timing circuits—times shown may vary slightly.

**DIP SWITCH:**  
 Set DIP switch to match one of the 8 blue drawings (in Delay Diagram) to establish time delay between steps.  
**FACTORY SETTING:**  
 2 sec. between steps.

**ACTIVATION OPTIONS:**

- Connect sequencer to any physical switch or control system that will provide a dry contact closure.
- Connect sequencer to any device or control system (DSP) that will provide a voltage output between 5V and 24V (AC or DC). Note: if DC, observe polarity (common=Neg.; trigger input=Pos.)
- Connect sequencer to a Lowell RPS Series switch (SPST switch with maintained contact).



**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
<b>SEQ-P4</b>	<b>Sequencer</b>		<b>Power supply</b>				<b>External switch or DSP conn*</b>
SEQR-P4	Sequencer, rackmount		Power supply				Built-in sw, external sw or DSP*
RPC-P15	Remote Power Control	125VAC 15A	5-15P cord	5-15R duplex			SEQ-P4 or SEQR-P4**
RPC-P15-U	Remote Power Control	100-240VAC 15A	C14 cord	C13 duplex			SEQ-P4 or SEQR-P4**
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**
RPC-P30-SHW	Remote Power Control	125VAC 30A	Flexible whip	L5-30R twistlock		✓	SEQ-P4 or SEQR-P4**
RY-P1	Relay (1 DPDT)		Power supply		DPDT Relay 5A		SEQ-P4 or SEQR-P4**
RY-P2	Relay (2 DPDT)		Power supply		DPDT Relay 5A		SEQ-P4 or SEQR-P4**
ACS-2018-5C-RPCP-HW	Power Strip w/remote	120VAC 20A	Flexible whip	5-20R duplex (9)		✓	SEQ-P4 or SEQR-P4**

\* 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).

**COMPATIBLE SWITCHES (RPS Series w/Maintained closure):** Order separately.

Model No.	Plate Color	Mounted In	LEDs	Closure Type	Activator	Connections
RPSB-P	Black	Wall Plate	1 (on)	Maintained	Rocker	TS (3 wire)
RPSB-R	Black	Rackmount Panel	1 (on)	Maintained	Rocker	TS (3 wire)
RPSB-KR	Black	Rackmount Panel	1 (on)	Maintained	Key	TS (3 wire)
RPSW-P	White	Wall Plate	1 (on)	Maintained	Rocker	TS (3 wire)
RPSW-KP	White	Wall Plate	1 (on)	Maintained	Key	TS (3 wire)

TS = Terminal Strip (phoenix type)

