



Rear view

Single pole single throw, low voltage switch with maintained closure, for applications that only use one switch. The switch is connected to a remote power control (ordered separately) to activate equipment.

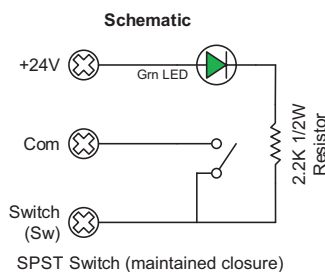
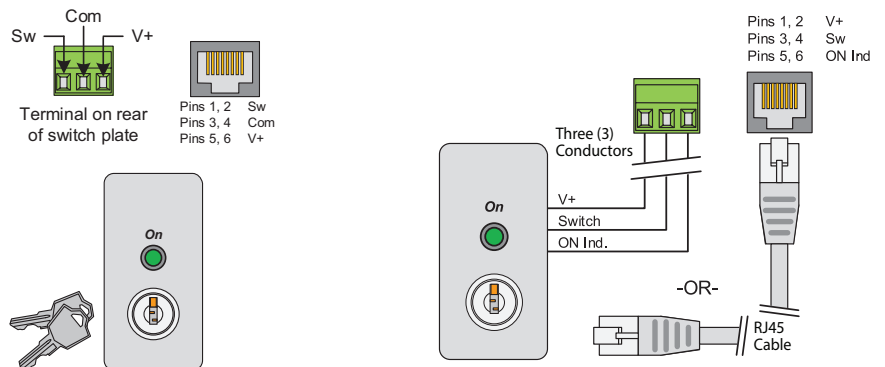
FEATURES

- **Closure:** Maintained closure
- **Activation:** KEY switch
- **Status Indicators:** 1 LED (green) lights when unit is on
- **Connections:** Rear connections are termination strips with wire capacity to 18-gauge. Also includes one RJ45 connector. *Note: The RJ45 connection is only compatible with Lowell remote power controls (RPC) with a single RJ45 connector and classic connections, not pass-through connections.*
- **Wall Plate:** Includes 1-gang decorator style wall plate (white plate/sub-plate).
 - The sub-plate can also be mounted in a 19" rackmount panel with suitable openings, in which case the outer plate would not be used. See Lowell panels D3P-ID-1, D3P-ID-2, D8P-ID-3, D9P-ID-3.
 - The sub-plate can also be used in multi-gang decorator style wall plates (by others), in which case the outer plate would not be used.
- **A&E Specifications:** The low voltage switch for remote activation of equipment shall be Lowell Model RPSW-KP-RJ, which shall operate in conjunction with a remote power control (ordered separately). The switch shall feature maintained closure, rear connection termination strips with wire capacity to 18-gauge, an RJ45 connector, white one-gang decorator style wall plate with an LED status indicator, and key activation switch.

This switch is compatible with the following Lowell models (order separately):

| | |
|---------------|----------------------|
| RPC-15-SCD-RJ | Remote power control |
| RPC-20-SCD-RJ | Remote power control |

TYPICAL WIRING

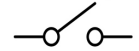


Maximum wire distances:
 24-gauge: 20,000 ft. (approx. 3.5 miles)
 22-gauge: 31,200 ft. (approx. 5.5 miles)
 18-gauge: 76,800 ft. (approx. 13.5 miles)

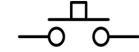
Understanding MAINTAINED vs. MOMENTARY Switches:

- Maintained Switch:** A switch with maintained closure stays in the position you select. When you turn it on, it stays on until you turn it off, and vice versa. An example would be a switch used for a ceiling light, which stays on until you flip the switch to the off position. Specify a maintained switch for applications that use only one switch to control the equipment.
- Momentary Switch:** A switch with momentary closure operates only as long as you press or hold it; the switch returns to its original position as soon as you stop. An example would be a switch for a doorbell, which continues to ring only while you press the switch. Specify momentary switches for applications that utilize more than one switch to control the equipment.

Maintained Switch Schematic Symbol:



Momentary Switch Schematic Symbol:



LOWELL RPSB- AND RPSW- SERIES OVERVIEW

| Model No. | Closure | Activation | Mounting Style | Color | LED Indicators | RJ45 Connector |
|-------------------|-------------------|------------|---------------------|--------------|----------------|----------------|
| RPSB-P | Maintained | Rocker | Wall Plate | Black | 1 | ----- |
| RPSB-P-RJ | Maintained | Rocker | Wall Plate | Black | 1 | 1 |
| RPSW-KP | Maintained | Key | Wall Plate | White | 1 | ----- |
| RPSW-KP-RJ | Maintained | Key | Wall Plate | White | 1 | 1 |
| RPSW-P | Maintained | Rocker | Wall Plate | White | 1 | ----- |
| RPSW-P-RJ | Maintained | Rocker | Wall Plate | White | 1 | 1 |
| RPSB-KP-ASM | Maintained | Key | Wall Plate | Black | 1 | ----- |
| RPSB-KR | Maintained | Key | 19" Rackmount Panel | Black | 1 | ----- |
| RPSB-KR-RJ | Maintained | Key | 19" Rackmount Panel | Black | 1 | 1 |
| RPSB-R | Maintained | Rocker | 19" Rackmount Panel | Black | 1 | ----- |
| RPSB-R-RJ | Maintained | Rocker | 19" Rackmount Panel | Black | 1 | 1 |
| RPSB-MKP | <i>Momentary</i> | Key | Wall Plate | Black | 1 | ----- |
| RPSB-MP | <i>Momentary</i> | Rocker | Wall Plate | Black | 1 | ----- |
| RPSW-MKP | <i>Momentary</i> | Key | Wall Plate | White | 1 | ----- |
| RPSW-MP | <i>Momentary</i> | Rocker | Wall Plate | White | 1 | ----- |
| RPSB2-MKP | <i>Momentary</i> | Key | Wall Plate | Black | 2 | ----- |
| RPSB2-MKP-RJ | <i>Momentary</i> | Key | Wall Plate | Black | 2 | 1 |
| RPSB2-MP | <i>Momentary</i> | Rocker | Wall Plate | Black | 2 | ----- |
| RPSB2-MP-RJ | <i>Momentary</i> | Rocker | Wall Plate | Black | 2 | 1 |
| RPSW2-MKP | <i>Momentary</i> | Key | Wall Plate | White | 2 | ----- |
| RPSW2-MKP-RJ | <i>Momentary</i> | Key | Wall Plate | White | 2 | 1 |
| RPSW2-MP | <i>Momentary</i> | Rocker | Wall Plate | White | 2 | ----- |
| RPSW2-MP-RJ | <i>Momentary</i> | Rocker | Wall Plate | White | 2 | 1 |
| RPSB2-MKR | <i>Momentary</i> | Key | 19" Rackmount Panel | Black | 2 | ----- |
| RPSB2-MKR-RJ | <i>Momentary</i> | Key | 19" Rackmount Panel | Black | 2 | 1 |
| RPSB2-MR | <i>Momentary</i> | Rocker | 19" Rackmount Panel | Black | 2 | ----- |
| RPSB2-MR-RJ | <i>Momentary</i> | Rocker | 19" Rackmount Panel | Black | 2 | 1 |
| RPSB-MKR | <i>Momentary</i> | Key | 19" Rackmount Panel | Black | 1 | ----- |
| RPSB-MR | <i>Momentary</i> | Rocker | 19" Rackmount Panel | Black | 1 | ----- |

