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Model Series:

RPS Low Voltage Switch

- **Maintained or momentary closure**
- **With wall plate or rackmount panel**
- **With or without RJ45 connectors**



Model RPSB-MR features a momentary closure and includes a rackmount panel, rocker switch, LED.



Model RPSB-P features maintained closure — includes black decorator style wall plate, rocker switch, LED.



Model RPSW2-MKP features momentary closure — includes white decorator style wall plate, key switch, two LEDs.



Rear view of Model RPSW-P-RJ shows RJ45 connector

Description

Single pole single throw (SPST) low voltage switch with decorator style wall plate or rackmount panel remotely activates equipment connected to a remote power control (e.g. Lowell RPC series) or sequence controller, ordered separately. Rear connections are termination strips with wire capacity to 18 gauge. See pg. 2 for list of model numbers.

Format Selection

- **Closure Type**
 - Maintained (for single switch applications)
 - Momentary (for multi-switch applications)
- **Activation Type**
 - Rocker
 - Key (for added security)
- **LED Status Indicators**
 - One (on)
 - Two (on and off)
- **Mount Style**
 - One gang decorator style wall plate (black or white)
 - 1U x 19"W rackmount panel

A & E Specifications

Low voltage switches for remote activation of equipment shall be Lowell Model _____. Assemblies shall operate in conjunction with a sequential or remote power control, ordered separately. Each switch shall include a _____ (black one-gang decorator style wall plate, white one-gang decorator style wall plate, 19"W rackmount panel) with _____ (rocker, key) activation and _____ (one, two) LED status indicators. The switch shall feature _____ (momentary, maintained) closure and rear connection termination strips with wire capacity to 18-gauge.

Option (order separately)

RPSW-KEY: Replacement keys (two)

Model No. Summary

MAINTAINED CLOSURE (single switch use)

Model No.	Description	Activation	LED Status Indicators	Mounting Style
RPSB-P *	SPST switch (maintained closure)	rocker	1	black wall plate
RPSB-P-RJ *	SPST switch (maintained closure) with RJ45 connector	rocker	1	black wall plate
RPSW-KP	SPST switch (maintained closure)	key	1	white wall plate
RPSW-KP-RJ	SPST switch (maintained closure) with RJ45 connector	key	1	white wall plate
RPSW-P	SPST switch (maintained closure)	rocker	1	white wall plate
RPSW-P-RJ	SPST switch (maintained closure) with RJ45 connector	rocker	1	white wall plate
RPSB-KP-ASM * †	SPST switch (maintained closure)	key	1	black wall plate
RPSB-KP-ASM †	SPST switch (maintained closure)	key	1	white wall plate
RPSB-KR	SPST switch (maintained closure)	key	1	rackmount panel
RPSB-KR-RJ	SPST switch (maintained closure) with RJ45 connector	key	1	rackmount panel
RPSB-R	SPST switch (maintained closure)	rocker	1	rackmount panel
RPSB-R-RJ	SPST switch (maintained closure) with RJ45 connector	rocker	1	rackmount panel

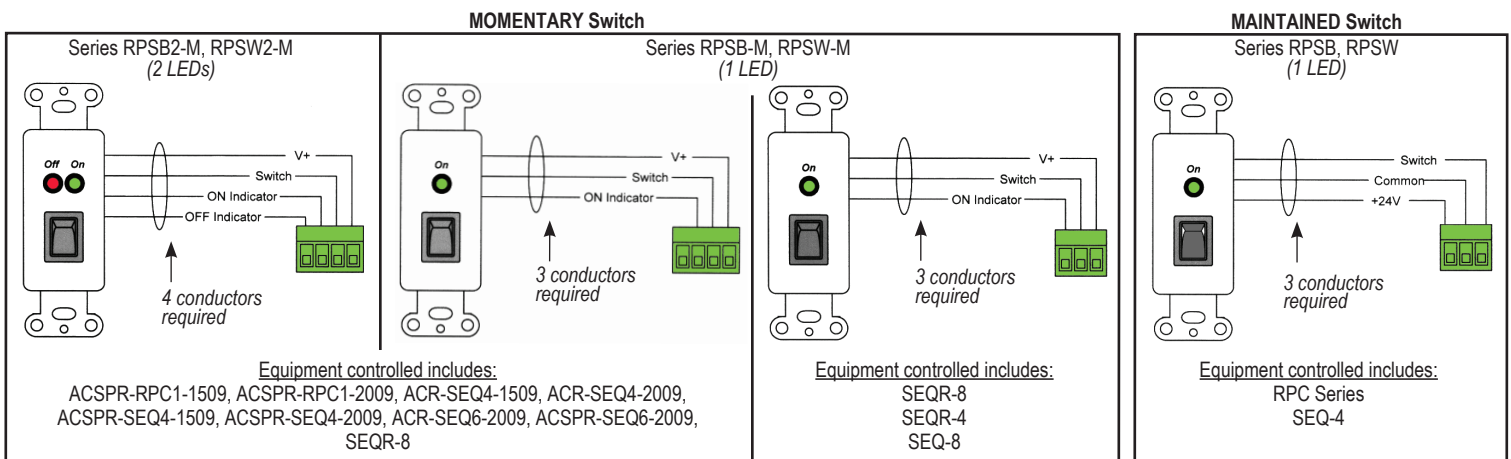
MOMENTARY CLOSURE (multi-switch use)

Model No.	Description	Activation	LED Status Indicators	Mounting Style
RPSB-MKP *	SPST switch (momentary closure)	key	1	black wall plate
RPSB-MP *	SPST switch (momentary closure)	rocker	1	black wall plate
RPSW-MKP	SPST switch (momentary closure)	key	1	white wall plate
RPSW-MP	SPST switch (momentary closure)	rocker	1	white wall plate
RPSB2-MKP *	SPST switch (momentary closure)	key	2	black wall plate
RPSB2-MKP-RJ *	SPST switch (momentary closure) with RJ45 connector	key	2	black wall plate
RPSB2-MP *	SPST switch (momentary closure)	rocker	2	black wall plate
RPSB2-MP-RJ *	SPST switch (momentary closure) with RJ45 connector	rocker	2	black wall plate
RPSW2-MKP	SPST switch (momentary closure)	key	2	white wall plate
RPSW2-MKP-RJ	SPST switch (momentary closure) with RJ45 connector	key	2	white wall plate
RPSW2-MP	SPST switch (momentary closure)	rocker	2	white wall plate
RPSW2-MP-RJ	SPST switch (momentary closure) with RJ45 connector	rocker	2	white wall plate
RPSB2-MKR	SPST switch (momentary closure)	key	2	rackmount panel
RPSB2-MKR-RJ	SPST switch (momentary closure) with RJ45 connector	key	2	rackmount panel
RPSB2-MR	SPST switch (momentary closure)	rocker	2	rackmount panel
RPSB2-MR-RJ	SPST switch (momentary closure) with RJ45 connector	rocker	2	rackmount panel
RPSB-MKR	SPST switch (momentary closure)	key	1	rackmount panel
RPSB-MR	SPST switch (momentary closure)	rocker	1	rackmount panel

* Switches with black decorator wall plates can also be mounted to 19" W rack panels that feature openings for decorator style sub-plates (outer wall plate is not needed). Order panels separately (Models D3P-ID-1, D3P-ID-2, D8P-ID-3, D9P-ID-3)

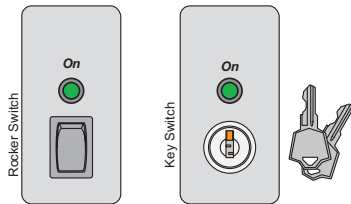
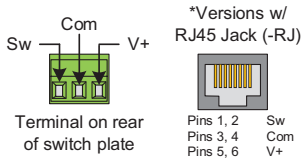
† Model numbers with "ASM" suffix are only for use with sequencers featuring alternate sequence mode (ASM).

Typical Wiring



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

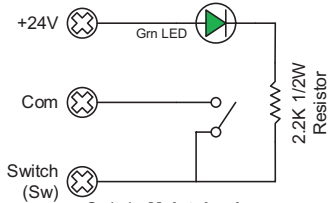
RPSW, RPSB Series Switches (Maintained)



Models
RPSW-P(-RJ)
RPSB-P(-RJ)
RPSB-R(-RJ)

Models
RPSW-KP(-RJ)
RPSB-KP(-RJ)
RPSB-KR(-RJ)

Schematic

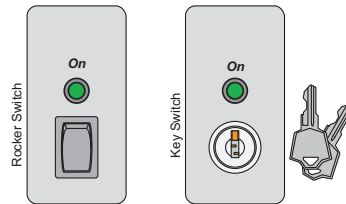
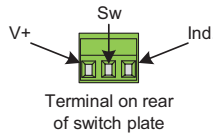


Switch, **Maintained**
Single Pole, Single Throw
(SPST)
Rocker or Key-switch

For use with:
Stand-alone RPC units
(RPC15, RPC20, RPC30, etc.)

***For use with:**
Stand-alone RPC units w/ RJ45 jack
(RPC15-RJ, RPC20-RJ, RPC30-RJ, etc.)

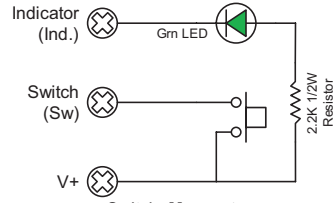
RPSW-M, RPSB-M Series Switches (Momentary)



Models
RPSW-MP
RPSB-MP
RPSB-MR

Models
RPSW-MKP
RPSB-MKP
RPSB-MKR

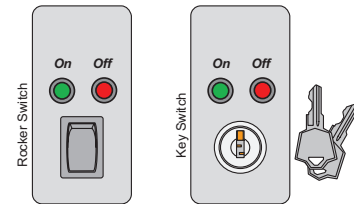
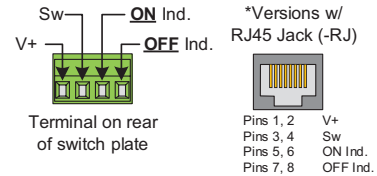
Schematic



Switch, **Momentary**
Normally Open (N.O.)
Single Pole, Single Throw
(SPST) Rocker or Key-switch

For use with:
Momentary switch modules
MSM, MSM2
Sequencers
SEQ4, SEQ-8, SEQR-4, SEQR-8
(formerly SCS series)

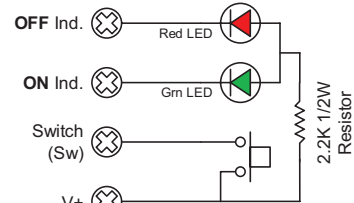
RPSW2-M, RPSB2-M Series Switches (Momentary)



Models
RPSW2-MP(-RJ)
RPSB2-MP(-RJ)
RPSB2-MR(-RJ)

Models
RPSW2-MKP(-RJ)
RPSB2-MKP(-RJ)
RPSB2-MKR(-RJ)

Schematic



Switch, **Momentary**
Normally Open (N.O.)
Single Pole, Single Throw
(SPST) Rocker or Key-switch

For use with:
Sequencer SEQR-8 (formerly SCS-8R-ASM)
Rk-mnt. Powered Sequencers
ACR-SEQ4-1509 (formerly ACR-SCS4-1509)
ACSPR-SEQ4-1509 (formerly ACSPR-SCS4-1509)
ACR-SEQ6-2009 (formerly ACR-SCS4-2009-RT2)
ACSPR-SEQ6-2009 (formerly ACSPR-SCS4-2009-RT2)
Rk-mnt Remote Power Control (RPC)
ACSPR-RPC1-1509, ACSPR-RPC1-2009
Momentary switch module MSM2
* For above models w/ RJ45 jacks (-RJ)