

Description

Momentary switch module Model MSM allows equipment that is connected to Lowell's remote power control Series RPC or four-step sequencer Model SCS-4 to be switched from multiple locations. Model MSM is used between the RPC control and multiple momentary style switches (see page 2) or between the SCS-4 sequencer and multiple momentary style switches.

The MSM converts normally open momentary contact closures to latching maintained closures. This function allows for multiple switches in a variety of locations to activate the equipment connected to the RPC Series power controls or the SCS-4 sequence controller. When the MSM is connected, a momentary closure (on/off) on any remote switch causes the MSM to change state - from open to closed or from closed to open. This change causes the RPC or SCS-4 to turn "on" or "off".

Dual terminal strips are provided for connection of two SPST momentary-style switches. Additional switches may be added in parallel; 4 total for use with RPC Series and 12 total for use with SCS-4 Series. An LED indicator displays the "on" or "off" status of the system. The MSM requires no external power source as it draws its power from the 'host' unit (RPC Series or SCS-4).

The compact steel chassis includes mounting holes, a connection diagram and black powder epoxy finish. Its compact size is ideal for mounting in a closet, above the ceiling, to a blank rack panel or rack shelf Model L15-315E with a closure/security panel and pre-punched holes for mounting small chassis-style devices. The MSM measures 5"L x 3.279"W x 1.687"H.

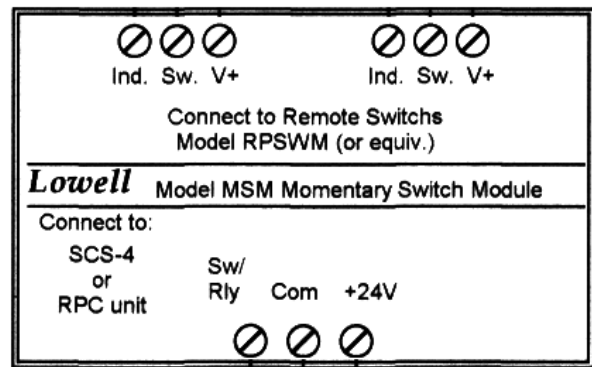
To meet application needs, Lowell offers RPSW-M Series momentary-style switches in wallplate and rackmount styles with rocker or keyswitch activation (order separately, see page 2).

A & E Specifications

Device for converting normally open momentary contact closures to latching maintained closures shall be Lowell momentary switch module Model MSM. It shall allow for multiple momentary style switches to be used for activating equipment that is connected to Lowell RPC Series remote power controls or Lowell SCS-4 sequence controller. The device shall include one terminal strip for connection to remote power control Model _____ or sequence controller



MSM - Momentary Switch Module



MSM label connection diagram

Model SCS-4. It shall also include two terminal strips for connection of up to four momentary switch Model _____ (RPSW-MP, RPSW-MKP, RPSB-MR, RPSB-MKR) when connected to a remote control (RPC) host; or up to twelve momentary switch Model _____ (RPSW-MP, RPSW-MKP, RPSB-MR, RPSB-MKR) when connected to a sequence controller (SCS-4) host.

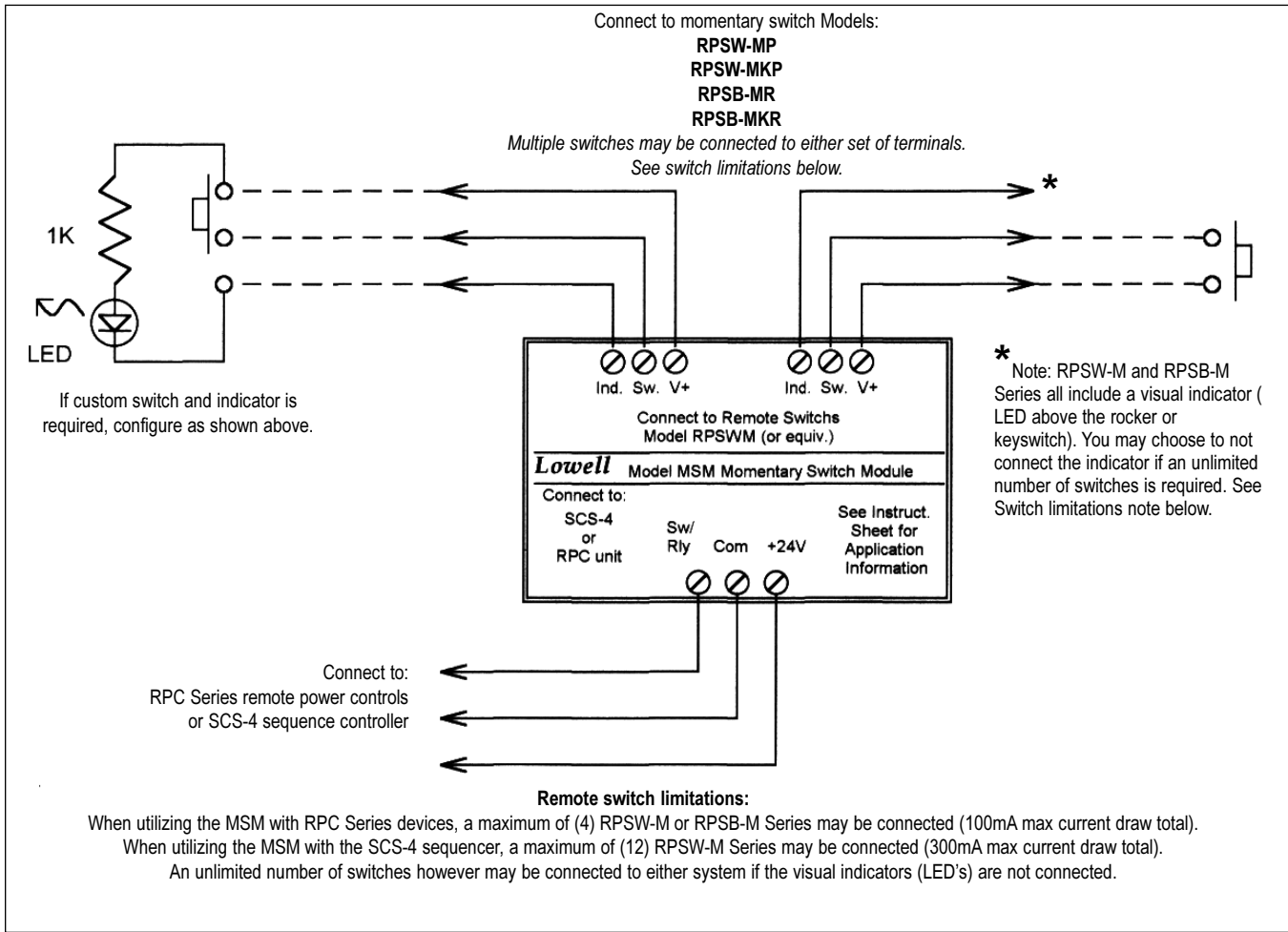
Model	Size LxWxH	Power Req. Drawn from host	Host Devices (order separately-see p.2)	Momentary Switches (order separately, see p.2)	Switch Maximum (determined by host device)
MSM	5" x 3.279" x 1.687"	24VDC, 15mA	RPC Series power controls or SCS-4 sequencer	RPS-M Series (SPST)	4 Qty with RPC (100mA max), 12 Qty with SCS-4 (300mA max)



MSM

Momentary Switch Module for RPC Series and SCS-4

**P
O
W
E
R**



AC Rackmount 19" EIA

AC Strips Rackmount Vertical

AC Loadcenters (sequenced)

AC Surge Protection / Filtering

AC Remotely Controlled

MSM Connections

Remote Power Controls - UL Listed (host device for MSM)	
RPC-1	Pwr cntrl 15A 1 dplx 7.5x3.25x1.75 6ft cd
RPC-1-20A-CD*	Pwr cntrl 20A 1 dplx 7.5x3.25x2.75 6ft cd
RPC-1-30A-MC	Pwr cntrl 30A 1 twist lock 7.5x3.25x2.75 6ft whip
RPC-1-IG-MC	Pwr cntrl 20A 1 iso dplx 7.5x3.25x2.75 6ft whip
RPC-1-TVSS-CD*	Pwr cntrl 20A 1 dplx 7.5x3.25x2.75 surg 6ft cd
RPC-4-CD*	Pwr cntrl 15A 4 dplx 2RU pnl 6ft cd
RPC-5-CD*	Pwr cntrl 20A 5 dplx-4sw-1unsw 30x2x2 6ft cd
RPC-420-PT	Pwr cntrl 4 20A circuits 9 dplx-1unsw 56x4x2 pgtl
*Also available with 6ft metal conduit whip termination; change CD suffix to MC.	
Sequence Controller (host device for MSM)	
SCS-4	Pwr seq cntrl 4 ch time delay 7x3.25x1.5
Remote Switches - Momentary Closure (choose wallplate or rackmount style)	
RPSW-MP	Switch SPST rocker w-LED momentary 1 ga wallplate
RPSW-MKP	Switch SPST key w-LED momentary 1 ga wallplate
RPSB-MR	Switch SPST rocker w-LED momentary 1RU rackpanel
RPSB-MKR	Switch SPST key w-LED momentary 1RU rackpanel
Rackmounting Accessories for Chassis-style Devices (not required)	
L3-193	Blank pnl 3PS 2RU 16ga CRS flange
L15-310E	Shelf 3PS 2RU 10D CRS + mtg holes + cover pnl



Low Voltage Sequencers Accessories

Switches

Accessory Options - order separately