



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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MAGNASPHERE MSS -XXC & -XXR SERIES INSTALLATION INSTRUCTIONS: Concealed / Recessed Contacts

Required Tools and Components

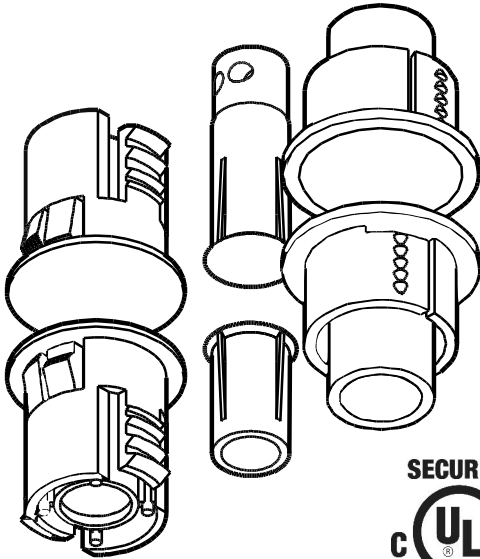
Provided by Manufacturer (per module set)

- 1 MSS-XXC switch module
- 1 MSS-XXC magnet module

Provided by Installer

- Power drill
- Drill Bit
- † Adhesive
- Fasteners (for the ##R models)

MSS-XXC SERIES

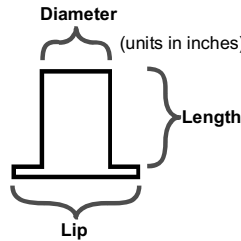
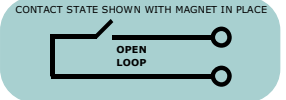


Specifications

Max Current: 0.25 A
 Resistive
Max Voltage: 30 VDC
Max Power: .25 W Resistive
 The Magnasphere MSS-Concealed series is intended to be connected to a UL Listed compatible control panel for US applications and a ULC Listed compatible control panel for Canadian applications.

NOMENCLATURE GUIDE

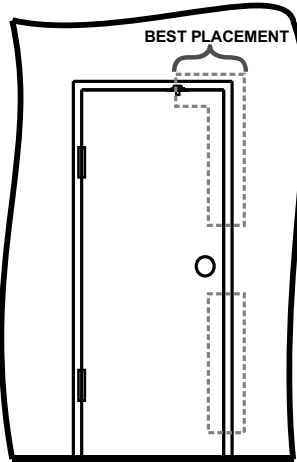
Concealed/Recessed
 MSS - # # X X
 Size Class (Dia.)
 12" Wire Leads (default, if blank), Terminals



Model	Max Gap	Diameter	Length	Lip
MSS-25C	.50	1.00	1.20	1.20
MSS-25CL	.50	1.00	.88	1.20
MSS-19C	.50	.75	.85	.97
MSS-19CL	.50	.75	.88	.93
MSS-19CT	.50	.75	.88	.93
MSS-13CL	.50	.50	1.00	.60
MSS-13CT	.50	.50	1.00	.60
MSS-09CL	.50	.38	.75	.43
MSS-09CT	.50	.38	.75	.43
MSS-09RL	.50	.38	1.00	.75

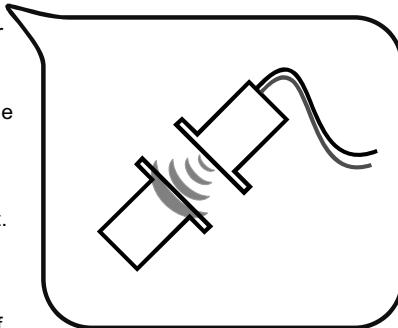
Installation Plan

The MSS -XXC / -XXR should be mounted close to the latch side of the door for optimal performance; Up to 15" (38cm) from the doorknob/door-latch edge is recommended in order to meet UL 681 requirements: contact shall be installed so door cannot be opened more than 2 inches without causing an alarm. See table for operating gaps and recommended clearances. Ensure that the modules are well aligned. Before drilling, a careful layout of the site is recommended in order to achieve module alignment.



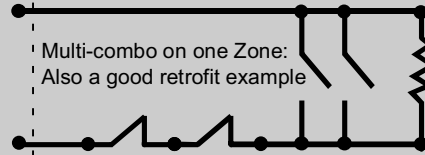
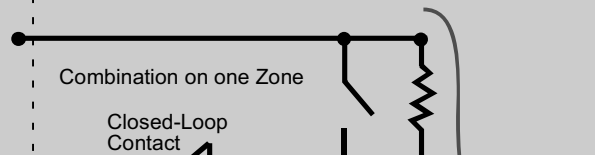
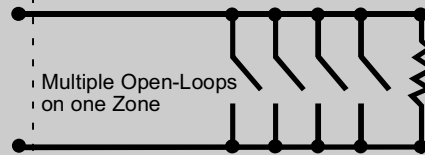
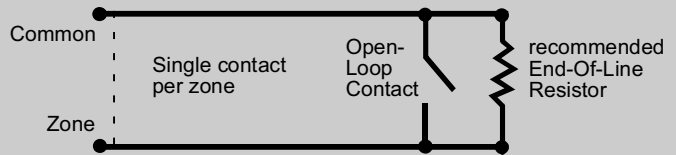
Test and wire the switch. Note that Magnasphere contacts have a directional, restricted sense zone for enhanced security.

Insert the switch module into the hole of the frame. Insert the magnet module into the hole in the door. †Adhesive (such as RTV) is recommended to assure a secure fit. Adhesive may be necessary for materials which are too thick for retaining barb deployment (wood or thick metal). Check the operation of the installed switch. -XXR models are provided with a wide flange and pilot holes for (optional) fasteners..



OPEN-LOOP WIRING SCHEMES

Open-Loop schemes "wire like fire" systems. Check your alarm panel's documentation for settings



Check your panel documentation