

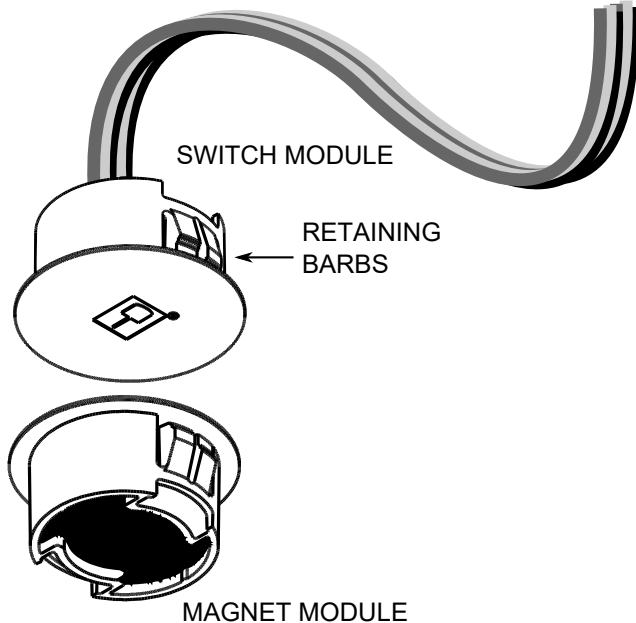
Required Tools and Components

Provided by Manufacturer (per module set)

1 MSS-3XXC switch module
1 MSS-3XXC magnet module

Provided by Installer

Power drill
1" Bit/s*
1-2 Optional 1707 Mortise Mount Kits



Specifications

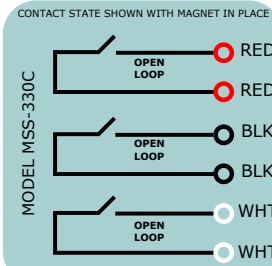
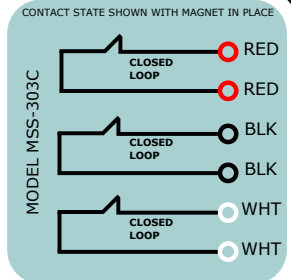
Max Current: 0.25 A Resistive

Max Voltage: 30 VDC

Max Power: .25 W Resistive

The Magnasphere MSS-3XXC 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

UL Classified Miscellaneous Fire Door Accessory: ANSI/UL 10C Listed, 3 hour rated



NOMENCLATURE

Concealed mount

of open loops

MSS - 3 X X C -[†]

Triple loop capacity

of closed loops

† See p.2 for optional embedded resistor schemes

Installation:

The MSS-3XXC-FIRE 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. Intended for operating gaps of up to 1/4" (6mm). Ensure that the modules are well aligned. In-frame minimum depth clearance should be 5/8" (16mm).

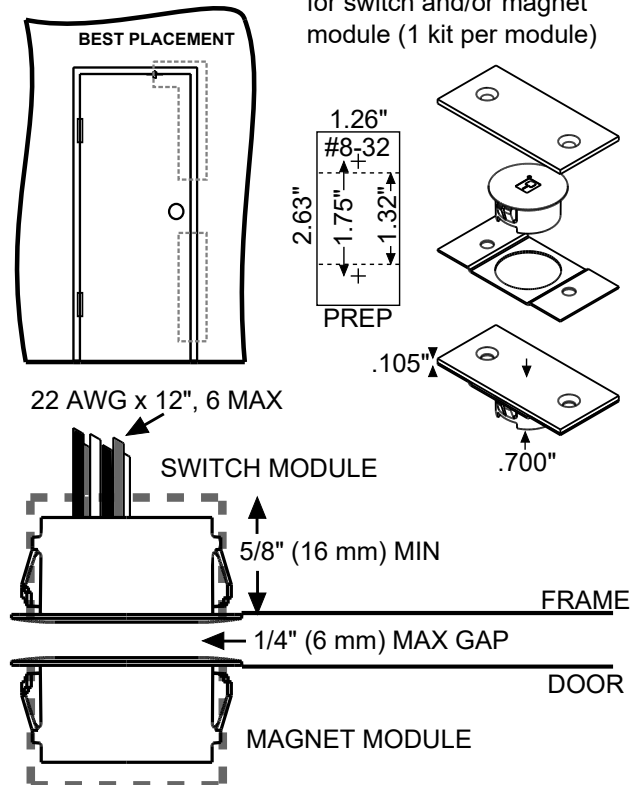
Suitable for outdoor and indoor use, U.S. and Canadian applications.

* Recommended bits: For metal environments, unibits or high quality hole-saws; for wood, Forstner bits (smooth-finish wood-boring drills). Before drilling, a careful layout of the site is recommended in order to achieve module alignment.

Metal burrs from drilling can prevent the retaining barbs of the modules from deploying; remove any troublesome burrs. Wire the switch according to the schematic.

Insert the switch module into the hole in the frame. Insert the magnet module into the hole in the door. Check the operation of the installed switch.

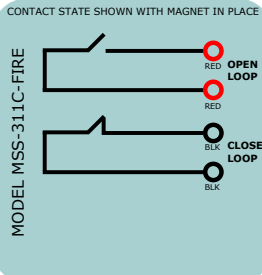
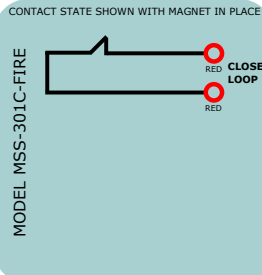
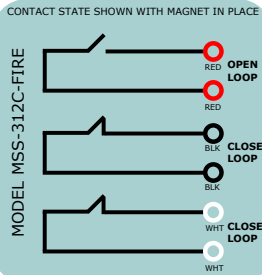
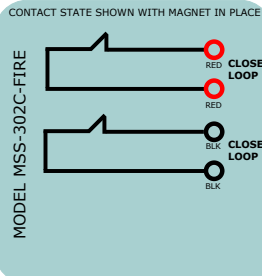
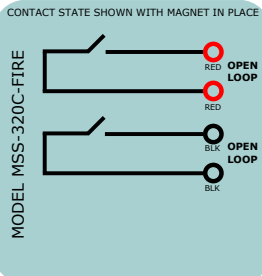
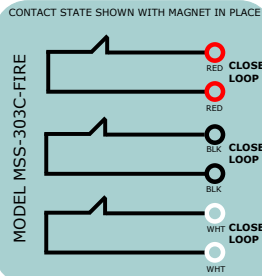
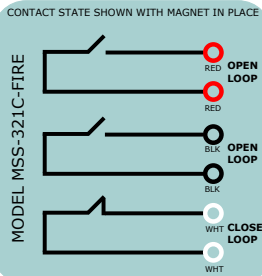
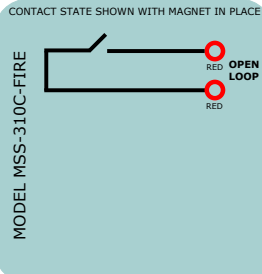
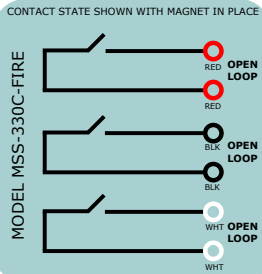
1707 Mortise-Mount kit option for switch and/or magnet module (1 kit per module)



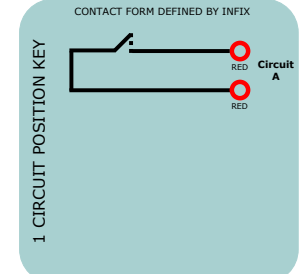
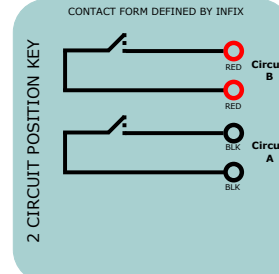
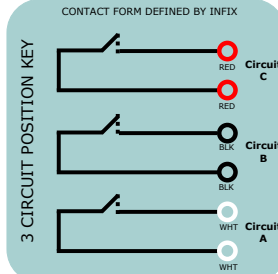
MAGNASPHERE MSS-300C-FIRE SERIES INSTALLATION INSTRUCTIONS: Base Models and Resistor-Embedded Models of MSS-300C-FIRE Series

P2

Schematics: All Base Model Infixes

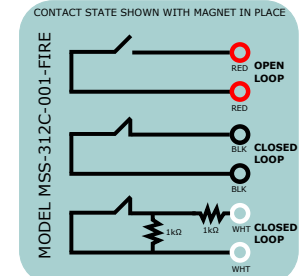


End-Of-Line Resistor Standard Models (-### suffix)



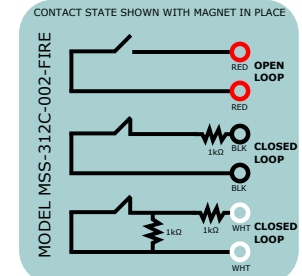
MSS-3##C-001-FIRE:

Series & Parallel 1k resistors on circuit A. One instance shown at right:



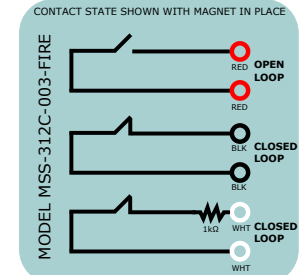
MSS-3##C-002-FIRE:

Series & Parallel 1k resistors on circuit A, Series 1k resistor on Circuit B. One instance shown at right:



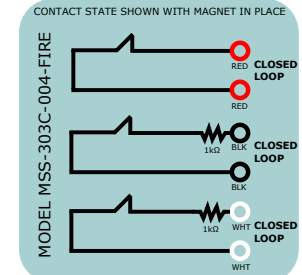
MSS-3##C-003-FIRE:

Series 1k resistor on Circuit A. One instance shown at right:



MSS-3##C-004-FIRE:

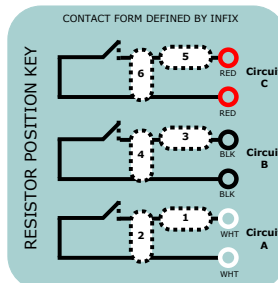
Series 1k resistor on Circuit A and on Circuit B. One instance shown at right:



End-Of-Line Resistor Custom Models (-i#-###-FIRE suffix)

i#-###-FIRE Scheme:

"i" precedes custom resistor (kΩ) values separated by hyphens. The sequence of entries correlates to the positions depicted in the key. "N" is used as a null place-holder (No resistor for this position). Contact Magnasphere for nomenclature guidance and for resistor value availability.



Examples:

MSS-312C
-i.18-3-1-N-N-1-FIRE
At right.
MSS-303C
-i1-N-1-N-N-N-FIRE
as an alternate ID to
MSS-303C-004-FIRE, last to the right.

