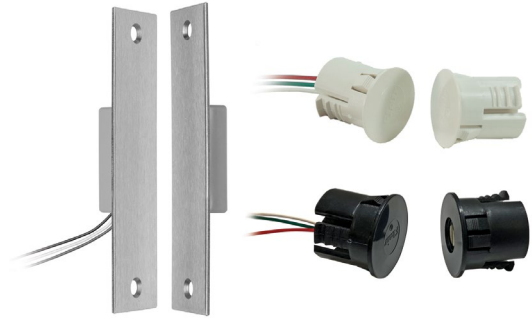


# MC Series

## Magnetic Contact Door Position Sensors



SDC's MC series sensors employ magnetic contact switches to provide a cost-effective means of monitoring door position status (DPS). DPS monitors the current position of the door, open or closed. DPS switches change state when the door is opened or closed. Installed in the edge of the door and door frame, DPS switches are wired into remote devices, typically alarm panels or door controllers, to notify facility management of a change in state - aiding in an access control system's integrity.

To ensure an access control system's integrity, DPS switches should be used in conjunction with a locking device and a form of lock status monitoring dependent on the application - lock status, bond alert status (BAS), etc.

### MODELS

- MC-4** Recessed Magnetic Contact, SPDT
- MC-4-2** Recessed Magnetic Contact, DPDT
- MC-4MU** Concealed Magnetic Contact, SPDT
- MC-4M-2U** Concealed Magnetic Contact, DPDT
- MC-7** Biased High Security Recessed Magnetic Contact, SPDT

### STANDARD FEATURES

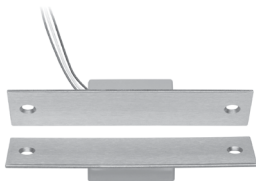
- Recessed magnetic contact



**MC-4**  
**MC-4-2**



**MC-7**



**MC-4MU**  
**MC-4M-2U**



## APPLICATIONS

Ideal for hollow metal and aluminum doors and frames.

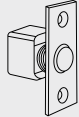

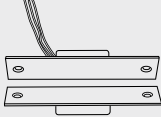

### CONCEALED MAGNETIC CONTACT

Designed for vandal resistance, the MC-4MV is mortised into a hollow metal or aluminum frame and wood, hollow metal or aluminum door for concealed applications.

### BIASED HIGH SECURITY MAGNETIC CONTACT

Biased for high security door status monitoring, the MC-7 guards against false status indication caused by the presence of an additional magnet. Installed in hollow metal and aluminum doors and frames. Recommended for high security applications.

## CROSS REFERENCE

	DPS-11	MC-4	MC-4M	MC-7
				
<b>Switch</b>	Electromechanical ball	Magnetic contact	Magnetic contact	Magnetic contact
<b>Key Feature</b>	Adjustable for wide door gap	UL 10C fire rating, 3hr	Concealed design for vandal resistance	Biased for high security monitoring

[CLICK TO VIEW](#)

## SPECIFICATIONS

	MC-4	MC-4-2	MC-4MU	MC-4M-2U	MC-7
<b>Faceplate</b>	-----	-----	Stainless Steel	Stainless Steel	-----
<b>Color</b>	White	White	630 Dull Stainless	630 Dull Stainless	Black
<b>Dimensions</b>	¾" Diameter	¾" Diameter	4 7/8" x 1 1/4" x 1/8"	4 7/8" x 1 1/4" x 1/8"	¾" Diameter
<b>Weight</b>	1 lb	1 lb	1 lb	1 lb	1 lb
<b>Contact</b>	SPDT	DPDT	SPDT	DPDT	SPDT
<b>Rating</b>	50 mA @ 30 VDC Resistive	50 mA @ 30 VDC Resistive	50 mA @ 30 VDC Resistive	50 mA @ 30 VDC Resistive	50 mA @ 30 VDC Resistive
<b>Depth</b>	1"	1"	½"	½"	1"
<b>Door Gap (Max)</b>	½"	½"	½"	½"	½"

## CERTIFICATIONS

UL 10C Positive Pressure Fire Tests of Door Assemblies\*

\* MC-4, MC-4-2 and MC-4PAK models only.

## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

 Designates optional step

#### 1| SPECIFY MODEL

**MC-4** Recessed Magnetic Contact, SPDT

**MC-4-2** Recessed Magnetic Contact, DPDT

**MC-4MU** Concealed Magnetic Contact, SPDT

**MC-4M-2U** Concealed Magnetic Contact, DPDT

**MC-7** Biased High Security Recessed Magnetic Contact, SPDT

STEP NUMBER:	1
ORDERING EXAMPLE:	<b>MC-4</b>

## RELATED PRODUCTS

**MC-4PAK** Recessed Magnetic Contact, Qty 10 Pack

