

COMMERCIAL MAGNETIC DOOR SWITCH

Technical Data

PRODUCT IMAGE



ALTERNATE VIEWS



Terminal cover

Magnet



Frame-mounted switch

FEATURES AND KEY PRODUCT INFORMATION

- ▶ Magnetic reed switch consists of a magnet and a switch.
- ▶ The magnet mounts to the door (or other item in motion) and the switch is wired and mounted in the frame. When the magnet separates from the switch, the switch closes and signals the air curtain to activate.
- ▶ Mounting tabs for ease of mounting.
- ▶ Terminal cover provided.
- ▶ Gold-plated screw terminals enhance durability and reliability.
- ▶ ABS plastic case includes lip to prevent accidental touching of wires on metal mounting/metal frames.

APPLICATION NOTES

Magnetic door switch serves as replacement for mechanical contacts.

Operates in almost any direction on swinging doors, sliding doors, etc.

For mounting on steel doors, use of a spacer may be necessary.

Note that the directional arrows located on the switch and magnet must align for proper operation

CERTIFICATIONS/LISTINGS



QUESTIONS & TECHNICAL SUPPORT AVAILABLE. CONTACT US DIRECTLY:

Phone Support
1-888-321-Aire (2473)

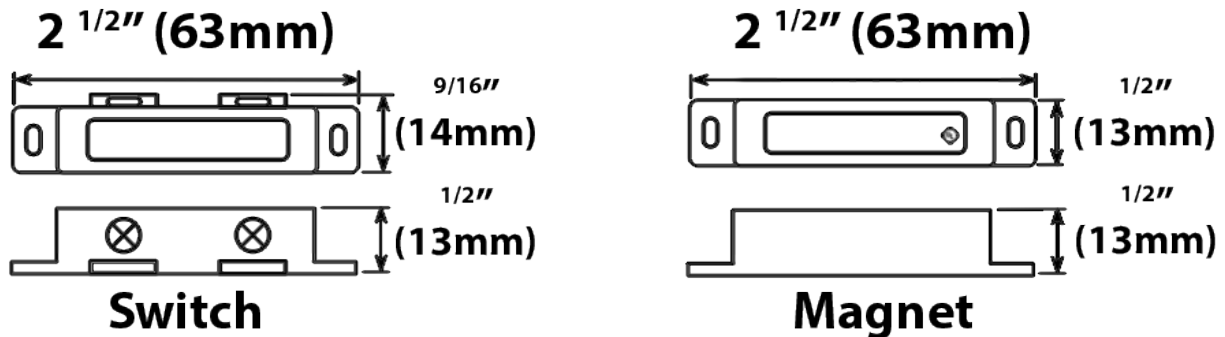
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PRODUCT DRAWING



Characteristics		
Electrical configuration	SPST	
Operation gap	1/2" (13mm)	
Connectors	Screw-terminals	
Mounting tabs	Yes	
Material	Case	High-impact ABS plastic
	Contacts	Deactivated rhodium on gold under-plating
Contact rating	10W (max.)	
Operating temperature	-15°~160° F (-25°~70° C)	
Switch cycles	50 Million	
Switch dimensions	2 1/2"x9/16"x1/2" (63x14x13 mm)	
Magnet dimensions	2 1/2"x1/2"x1/2" (63x13x13 mm)	
Magnet type	Ferrite	

Installation

1. Mount the contact switch on the frame where the door/switch first starts to open (separate from magnet). For hinged doors, ensure that the mounting is farthest from the hinged side of the door.
2. Connect the two wires to the air curtain/control panel.
3. Mount the magnet on the door/window so that it will face the contact switch. Be sure that the gap between the switch and magnet does not exceed 1/2" (13mm). The switch and the magnet have white arrows on them that need to be aligned.

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