Simplex

Fire Alarm System Accessories

UL, ULC Listed;
*CSFM Approved**

Electromagnetic Door Holders
Wall Mounted or Floor Mounted

Features

Electromagnetic door holders with models available for:

- Flush wall mount for low profile applications
- Semi-flush wall mount for shallow box applications
- Surface wall mount
- Floor mount, single or double door

Low current, multi-voltage design reduces power supply and battery demands:

- Operates with 24 VDC, 24 VAC, or 120 VAC
- Current requirement is 15 mA at rated voltage (per magnet for double door floor mount)

Internal full wave rectifier allows AC or DC operation and provides switching transient suppression

Low residual magnetism allows easy door release for compatibility with low pressure door closers

Quick and easy installation:

- Self-adjusting swivel catch plate has two pivot points to adjust to door alignment changes
- Adhesive mounting templates assure alignment

Holding force is 25 lbs minimum

UL listed to Standard 228

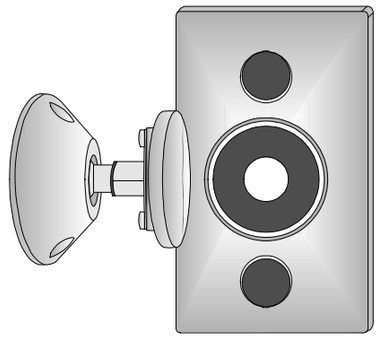
Optional accessories:

- Extension rods of 1" or 3"
- Back plate for reinforced door mounting

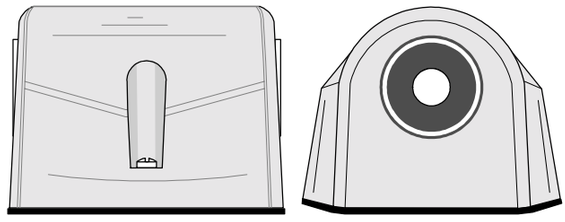
Description

Door holders are normally energized to provide door holding with a minimum force of 25 lbs. In the event of a fire emergency, the fire alarm control panel or other compatible control means will release the magnet allowing the door to close to prevent the spread of smoke. Doors may be manually closed or opened when the door holder is energized.

* These products have been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. See CSFM Listing 3550-0026:232 for allowable values and/or conditions concerning material presented in this document. It is subject to re-examination, revision, and possible cancellation. ULC listed models are designated with a "C" suffix such as 2088-9607C, refer to page 2 for model availability. This product was not approved by FM or MEA (NYC) as of document revision date. Additional listings may be applicable, contact Simplex for the latest status.



Semi-Flush Wall Mount Door Holder Magnet and Catch Plate (shown with screw hole caps in place)



Floor Mount Side and Front View
(Double door model shown)

Specifications

Mechanical Specifications

Material	Durable die-cast metal
Finish	Double chrome plated, decorative surfaces are textured
Wiring Connections	Three position terminal block with provisions for in/out wiring (common, low voltage, high voltage)
Ground Connection	18 AWG wire lead, 9" minimum

Electrical Specifications

Nominal Input	Current	Voltage Range	Terminals
24 VDC	15 mA @ nominal	20.4 to 32	C & L
24 VAC			
120 VAC		102 to 132	C & H

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Product Selection

Wall Mounted Door Holders, Voltage Selectable as 24 VDC, 24 VAC, or 120 VAC

Model*	Description	Electrical Box Requirement
2088-9607	Flush mount, includes magnet, catch plate, cover, and 3” (76 mm) chrome extension rod	Single gang box, 2 1/2” deep minimum (supplied by others)
2088-9608	Semi-flush mount, includes semi-flush magnet and cover assembly, catch plate, and screw hole caps	Single gang box, 2” deep minimum (supplied by others)
2088-9609	Surface mount, includes semi-flush magnet and cover assembly, catch plate, and matching electrical box	Surface mount box is supplied with door holder, dimensions: 4 5/8” H x 2 3/4” W x 2 1/8” D (117 mm x 70 mm x 54 mm)

Floor Mounted Door Holders, Voltage Selectable as 24 VDC, 24 VAC, or 120 VAC

Model	Description		Electrical Box Requirement
2088-9610**	Floor mount for single door	Includes magnet(s), catch plate(s), housing, mounting plate, gasket, and mounting hardware	Separate box is not required, wiring enters floor mount housing via bottom mounting plate
2088-9611**	Floor mount for double door		

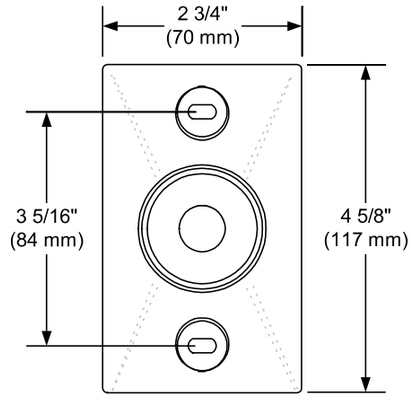
Optional Door Holder Accessories

Model	Description
2088-9680	Back plate for reinforcing catch plate, mounts on opposite side of door, recommended for hollow doors
2088-9681	Chrome catch plate extender rod, 1” (25.4 mm) long
2088-9682	Chrome catch plate extender rod, 3” (76 mm) long (supplied with 2088-9607 and floor mount models)

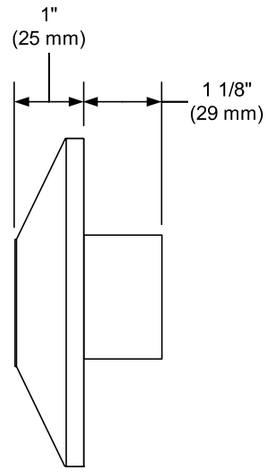
* Add “C” suffix for ULC listed models (such as 2088-9607C).

** Note: ULC listing in process for these models as of document revision date.

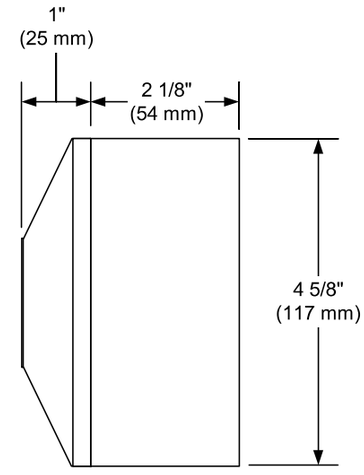
2088-9608, Semi-Flush Mount and 2088-9609, Surface Mount Magnet Dimensions



Semi-Flush and Surface Mount Front View



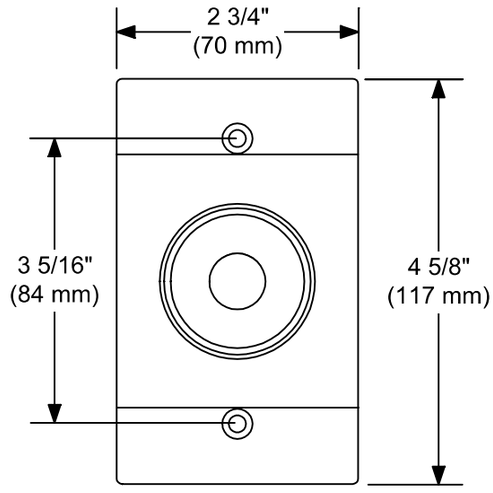
Semi-Flush Side View



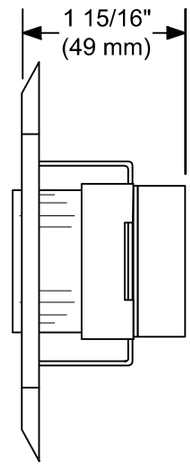
Surface Mount Side View
(conduit entries are provided on top, bottom, and back of box)

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2088-9607 Flush Mount Magnet Dimensions

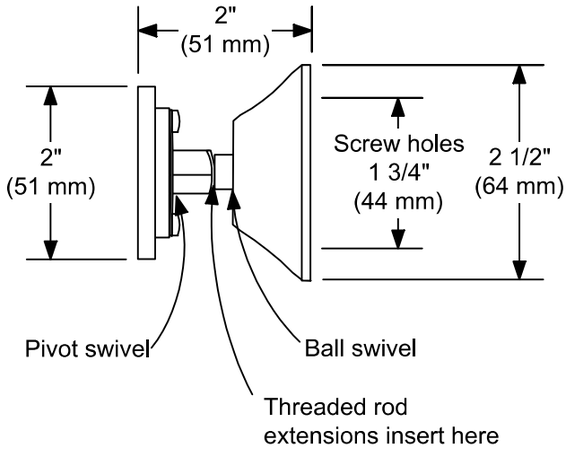


Flush Mount Front View



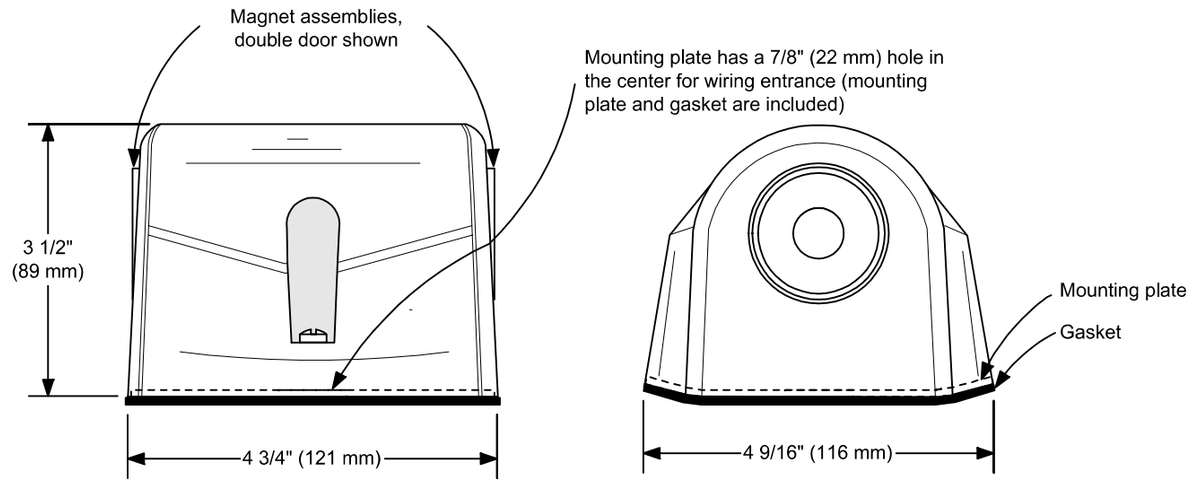
Flush Mount Side View

Catch Plate Dimensions (supplied with each magnet assembly)

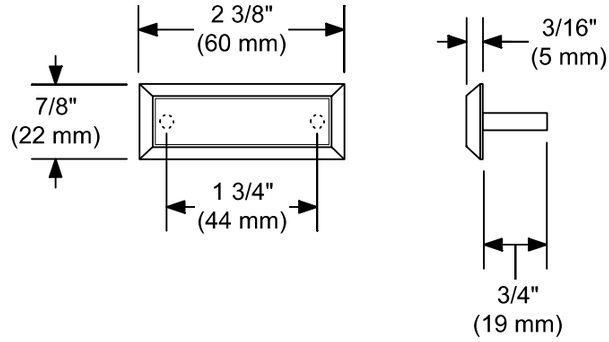


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Floor Mount Model Dimensions



2088-9680 Optional Back Plate



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