

Fire Alarm Accessory Devices – 9552/ 9553/9554/9555

Features

- UL Listed, File S2985
- CSFM Listed, #3550-1039:100
- Double Chrome Plating
- Low Residual Magnetism
- High Holding Force
- Terminal Block Connections
- Dual Voltage Inputs
- Very Low Current Draw
- Surface Units come with Chrome Plated Steel Back Box
- USA Quality Crafted

General

Faraday electromagnetic fire door holders are two-part, low cost, rugged aluminum devices with minimum magnet projection. The door holder is made of durable die-cast metal finished in double chrome plating. The wall portion houses a long-life electromagnet. The door portion includes a stainless steel plate armature, pivotal mounted on a shock absorbing bearing.

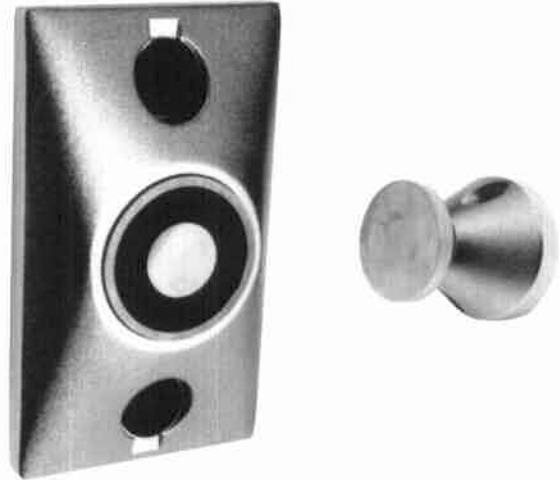
Description

Faraday door holders should be installed wherever doors may be effectively used to confine smoke, fire, or where the release of a self-closing door from a remote location is desired for other reasons.

The door holders have an approximate 35 pound min. holding force. The armature portion is mounted on the door, and offers a new installation technique using an adhesive template assuring alignment without secondary adjustments. The electromagnetic portion is mounted on the wall or wall cavity behind the door. The device holds a door open until signaled by a remote Faraday smoke detector, thermal detector, ionization sensor, electrical switch or fire alarm system. When actuated, the device will release doors to close, checking the spread of smoke and flames. If power fails, doors are released to close automatically, but may be opened or closed at any time.

Sample Specifications

Contractor shall install magnetic door holders of the type and voltage as directed on drawings. The units shall have adjustments for alignment to the door and shall have a minimum of 25 lb. holding force. Finish shall be chrome plating with satin finish and be listed by UL. Surface mount back box should be made of chrome plated steel. Holders shall be controlled from the fire alarm control system and release when signals are activated.



9552 Semi-Flush Door Holder

Ordering Information

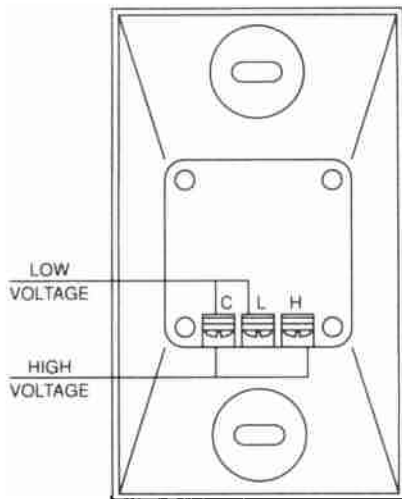
Model	Description	Part No.
9552	(DH-24120FC1) Chrome Semi-Flush Wall Mount 120/24 VAC/VDC	500-648445FA
9553	(DH-24120SC1) Chrome Surface Wall Mount w/Surface Box 120/24 VAC/VDC	500-648095FA
9554	(DH-24120GC1) Chrome Single Floor Mount 120/24 VDC/VDC	500-648096FA
9555	(DH-24120GC2) Chrome Double Floor Mount 120/24 VAC/VDC	500-648097FA

Accessories

Model	Description	Part No.
95591	(DHE1C) 1" Chrome Extension Rod	500-648254FA
955915	(DHE15C) 1.5" Chrome Extension Rod	500-648255FA
95593	(DHE3C) 3" Chrome Extension Rod	500-648311FA
95594	(DHE4AC) 4.5" Chrome Extension Rod	500-648562FA
95595	(DHW) Extension Wrench (2 pcs.)	500-648312FA
9556	(DH CPC) Chrome Catch Plate	500-648098FA
9557	(DHSBC) Chrome Swivel Base	500-648099FA
9558	(DHBBC) Chrome Back Box	500-648100FA

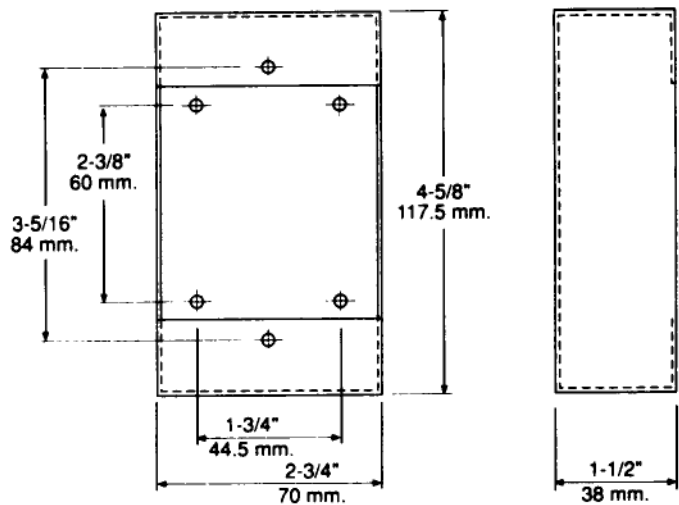
Dual Voltage

(rear view shown)



2 3/4"L x 4 5/8"H x 7/8"D

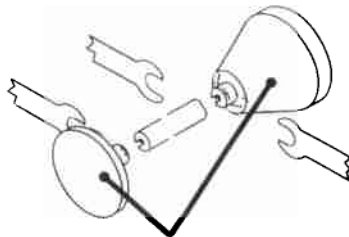
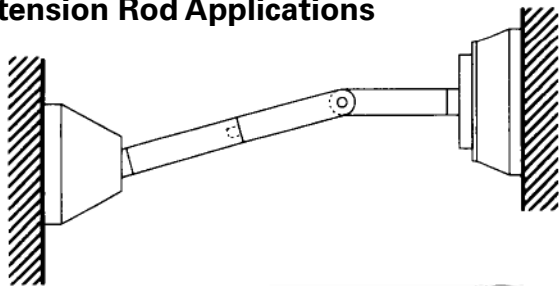
Surface Back Box Mounting



Model	Voltage	*DC/mA	*AC/mA	Terminals	LB.	KG.
9552	24V	30	30	C & L	40	18.1
9553 9554	120V	NA	30	C & H	35	15.8
9555			100	C & L	110	49.8

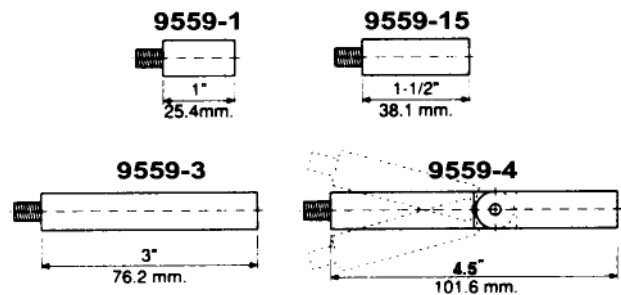
*Currents are maximum U.L. ratings

Extension Rod Applications

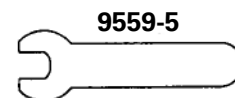


Standard Length Without Extension Rod is 2 1/4"

Extension Rods



Extension Wrenches



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