Overview

GE Security Electromagnetic Door Holders are ruggedly constructed and attractively designed. The housing is finished with an aluminum color, durable baked polyester powder paint. The housings and accessories are available in chrome or brass.

The floor or wall section houses the electromagnet while the contact plate attaches to the door. The contact plate has a shock absorbing nylon (swivel) ball which allows the plate to adjust to any door angle. Floor units are available in single-door or double-door (back to back) versions. Wall units are available in flush or surface mounted versions. GE door holders should be installed wherever doors may be effectively used to confine smoke and fire, or where the release of a self-closing door from a remote location is desirable for other reasons. Fail-safe operation is an inherent feature of GE Security door holder-releases. If power fails, doors are released automatically but may be opened or closed manually at any time. All units are free of moving parts, are self-contained and require no maintenance.These door holder-releases have a holding force of approximately 15 to 25 Lbf (66 to 111N). The device holds a door open while energized.

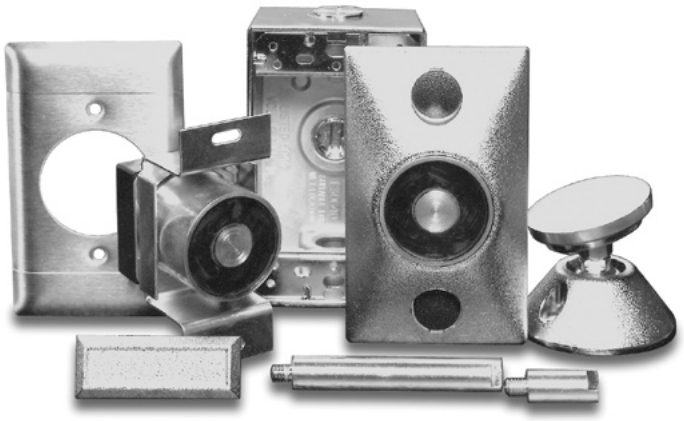
When de-energized by a relay controlled by the fire alarm system or other switch, the door is released to a closed position, checking the spread of smoke and flames. Electromagnetic door holders should be used and installed in accordance with local Building Codes and Standards.

Standard Features

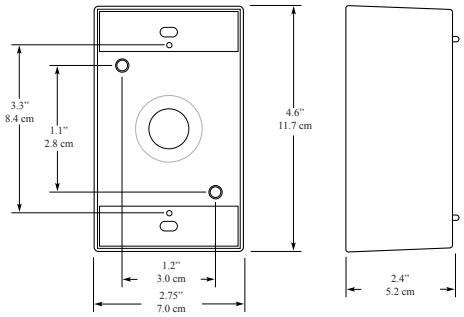
- Surface mount, semi-flush, flush, and floor mounted models
- Chrome or brass finishes blend In with other door hardware
- Low power consumption
- AC/DC models
- Completely silent operation25 Lbf (111N) nominal holding force
- Adjustable, swivel contact plate

Electromagnetic Fire Door Holders

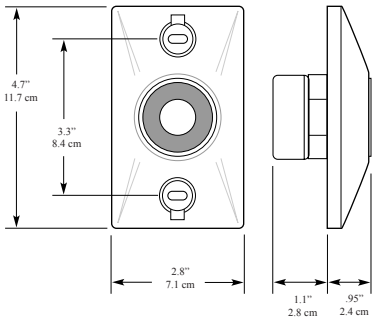
DH Series



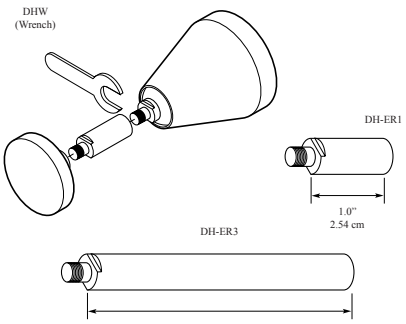
Surface Mount Back Box Dimensions



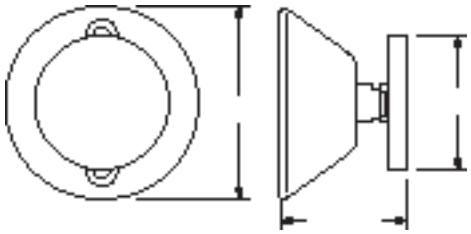
Door Magnet



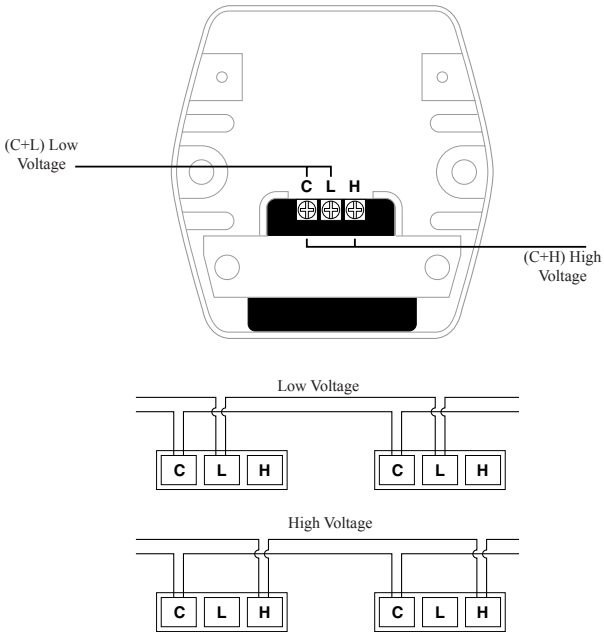
Extension Rod Applications and Accessories



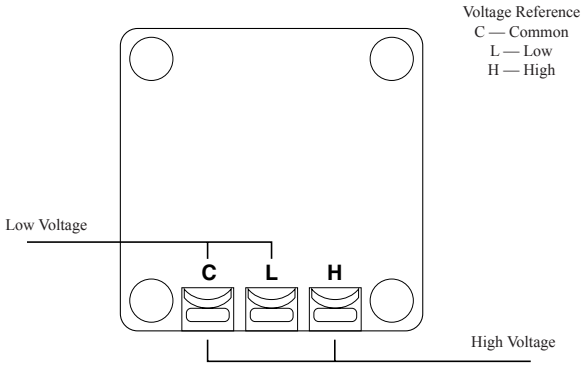
Catch Plate Assembly



Extension Rod Applications and Accessories



Catch Plate Assembly



Performance Data

Model	Voltage	DC/mA	AC/mA	Terminals	Coil	lbs	kg. (Nominal)
DHX*-1224	12V	30	30	C&L	Single	35	15.9
	24V	15	15	C&H	Single	35	15.9
DHX*-24120	24V	15	15	C&L	Single	35	15.9
	120V	—	15	C&H	Single	35	15.9
DHFM†-1224	12V	60	60	C&L	Double	35	15.9
	24V	60	60	C&H	Double	35	15.9
DHFM†-24120	24V	30	30	C&L	Double	35	15.9
	120V	—	30	C&H	Double	35	15.9

* For all models, "X" represents either F (Flush Mount), FM (Floor Mount single-coil), R (Recessed), or S (Surface Mount).
† For Floor Mount, double coil models.
NOTE: Voltage supplied by a UL listed control panel

GE
Security

U.S.
T 888-GESECURITY
F 503-691-7566

Canada
T 519 376 2430
F 519 376 7258

Asia
T 852 2907 8108
F 852 2142 5063

Latin America
T 305 593 4301
F 305 593 4300

www.gesecurity.com/fireworx

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Ordering Information

Model	Description	Case Qty
Wall Mount		
DHR-1224C	12 or 24 V DC/V AC, recess-mount, chrome, with 3" Extension Rod	20/case
DHR-24120C	24 V DC/V AC 120V AC, recess-mount, chrome, with 3" Extension Rod	20/case
DHF-1224C	12 or 24 V DC/V AC, semi-flush-mount, chrome	20/case
DHF-1224B	12 or 24 V DC/V AC, semi-flush-mount, brass	20/case
DHF-24120C	24 V DC/V AC 120V AC, recess-mount, chrome	20/case
DHF-241OB	24 V DC/V AC 120V AC, semi-flush-mount, brass	20/case
DHS-1224C	12 or 24V DC/V AC, surface-mount, chrome	20/case
DHS-1224B	12 or 24V DC/V AC, surface-mount, brass	20/case
DHS-24120C	24V DC/V AC 120V AC, surface-mount, chrome	20/case
DHS-2412OB	24V DC/V AC 120V AC, surface-mount, brass	20/case
Floor Mount		
DHFM1-1224	Single coil, 12 or 24VDC/VAC, floor-mount, brushed steel	6/case
DHFM1-24120	Single coil, 24VDC/VAC 120VAC, floor-mount, brushed steel	6/case
DHFM2-1224	Double coil, 12 or 24VDC/VAC, floor-mount, brushed steel	6/case
DHFM2-24120	Double coil, 24VDC/VAC 120VAC, floor-mount, brushed steel	6/case
Extension Rods		
DHFM1-1224	Single coil, 12 or 24VDC/VAC, floor-mount, brushed steel	
DH-ER1C	1" chrome	
DH-ER1B	1" brass	
DH-ER3C	3" chrome	
DH-ER3B	3" brass	
Accessories		
DHW	Extension rod wrenches	
DH-BP	Back Plate (chrome or brass)	
DH-ARMC	Replacement armature, chrome	
DH-ARMB	Replacement armature, brass	

imagination at work

WM TAO & ASSOCIATES
CONSULTING ENGINEERS

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: January 5, 2017

Attention: **stl-cac@cannondesign.com**

Contact Person / WTA Field Inspector: Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Joe Krussel

Project No. WT 14127.01

☐ UPS ☐ Courier ☒ **Email**

Copies	No.	Description
1 PDF	267100E02	(Submittal No.'s:) (R&B CxSRC)
		(Cannon #267100-004) - (Paric #15051-0400) – ~~(WES #607)~~
		➢ **Fire Alarm Product Data**

Remarks:

c: **Kelvin Patel**
Kpatel@cannondesign.com

☒ **Furnish as Submitted** ☐ Furnish as Noted

☐ Rejected ☐ Revise & Resubmit

☐ Reviewed ☐

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.

14127.01 - 267100 E02
JTK TO REVIEW
12/27/16

WTASHOP - Webster ISB - 26 7100-003 and 004

From: STL-CAC <STL-CAC@CANNONDESIGN.COM>
To: 'Patrick Garner' <pgarner@wmtao.com>, "WTASHOP (WTASHOP@wmtao.com)" <WTA...
Date: 12/27/2016 11:31 AM
Subject: Webster ISB - 26 7100-003 and 004
Cc: "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>
Attachments: 267100-003 Fire Alarm Shop Drawings.pdf; 267100-004 Fire Alarm Product Data.pdf

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Attached for review.

Melissa Pirtle

CANNONDESIGN

1100 Clark Ave
St. Louis, Missouri 63102
T 314.425.8797
cannondesign.com

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

267100-004
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

267100
SPECIFICATION SECTION / PARAGRAPH

Tech Electronics
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

◯ Shop Drawings
◯ Samples
(_____ copies)
◯ LEED Submittal
◯ Certification / Qualifications
◯ Record Documents
◉ Product Data
◯ Coordination Drawing
◯ Calculations
◯ Schedules
◯ O&M Manuals
◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action
◯ Information Only
◯ Record

REMARKS OR DEVIATIONS

Physical Copies Given to Kelvin Paten in OAC meeting 12/20/16

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Joe Voypick
REVIEWED BY

12/20/16
DATE

To be completed by Reviewer

26 7100-004
CANNON DESIGN SUBMITTAL NUMBER

12/20/16
RECEIVED DATE

◯ A. No Exceptions Taken
No further review of submittal is required.

◯ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.

◯ C. Revise and Resubmit
Revise as noted, and resubmit for review.

◯ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.

◯ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.

◯ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

◯ See attached sheet(s) for additional comments

REVIEWED BY

DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0400

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 12/20/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Fire Alarm Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☑ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		267100-004	1		12/20/2016	Fire Alarm Product Data	Submitted

NOTES:

CC:

Signed: _____

Devin Gates

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Design Installation Service

Tech Electronics is Your Source for CABLE on these Electronic Systems.

For information, Availability & Pricing of CABLE Please Call:

John Idoux

(314)951-1718

For All Other Information on This Project, Please Call:

Keith Hinote

(314) 951-1743

Tech Electronics, Inc.

6437 Manchester Ave., St. Louis, MO 63139 www.techelectronics.com

Offices & Representatives in Other Cities