

SEM 7840 MAGNET

Die cast housing, low profile recessed wall mount.

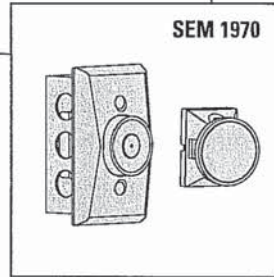
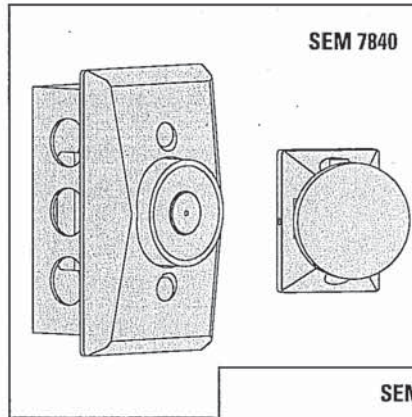
2" (51 mm) x 4" (102 mm) x 1 1/2" (38 mm).

NOTE: Outlet box not included.

SEM 1970 MAGNET

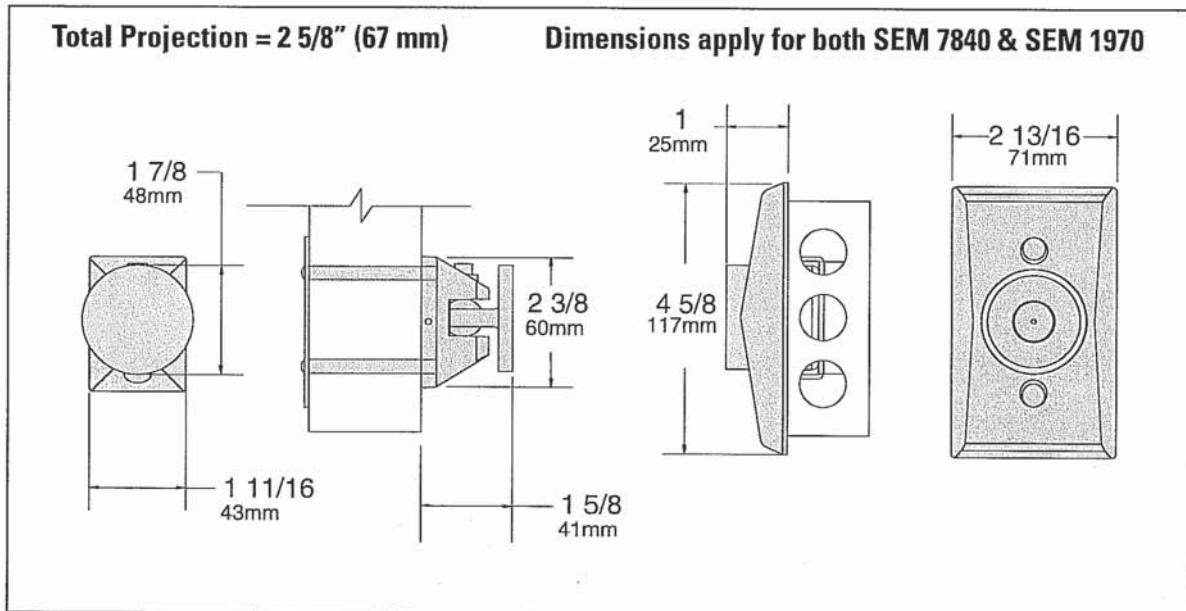
Plastic housing, low profile recessed wall mount.

NOTE: Outlet box not included.

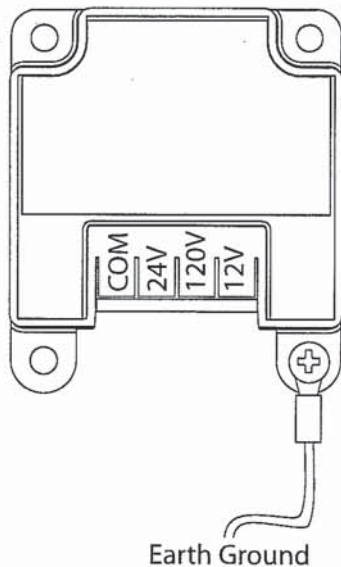


SEM FEATURES

- ▶ Tri-voltage design with 35lbs. of holding force.
- ▶ Now available armature extensions from LCN (see page 11).
- ▶ SEM 7840 magnets are shipped with die cast housing, cover, armature and WMS screw pack.
- ▶ SEM 7840 available in standard powder coat finishes.
- ▶ SEM 7840 optional custom powder coat finish available.
- ▶ SEM 1970 magnets are shipped with plastic housing, cover, armature and WMS screw pack.
- ▶ SEM 1970 available in aluminum and dark bronze finishes only.
- ▶ Suitable for use in pocket door installations.
- ▶ UL listed for smoke barrier or labeled fire doors.



VOLTAGE INPUT



ELECTRICAL DATA

Holding Force: 35lbs. @ Nominal Input Voltage.

Maximum Current Draw: .020A @ 24VAC/DC, 120VAC
.030A @ 12VDC

ELECTRICAL SCHEMATIC

Operation:
Electromagnets are typically used with fire alarm systems. Doors are held open in the non-alarm condition. When the fire alarm panel enters the alarm condition, power to the electromagnets is removed, the doors close under door closer control, and function as a manual door. When the fire alarm panel returns to the non-alarm condition, power is reapplied to the electromagnets and the doors can be held open again.

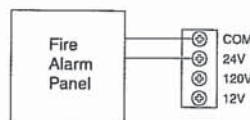


Fig. 1 24VAC/DC Wiring
Polarity is unimportant

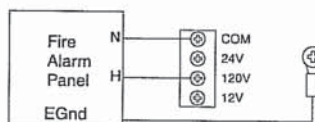


Fig. 2 120VAC Wiring

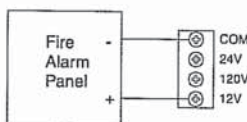


Fig. 3 12VDC Wiring
Polarity as shown

Hardware

Manufacturer's

Accurate Lock, Doug Mockett, Glynn Johnson,
Ives, LCN, Brio, Schlage, Von Duprin, Zero

Hardware Finish

32D Satin Stainless Steel, 26D Satin Chrome,
Aluminum



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77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0222

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 09/12/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Hardware 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		087100.03-002	1		09/12/2016	Hardware Product Data	Submitted

NOTES:

CC:

Signed: _____
Devin Gates