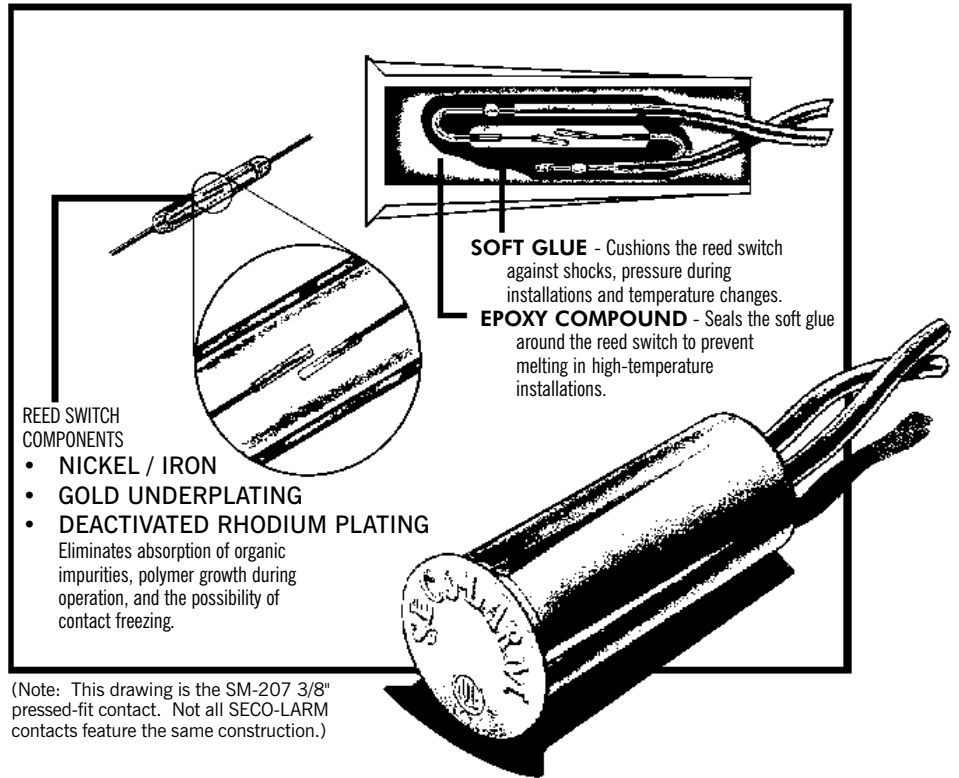


WHAT YOU DON'T SEE IS WHAT YOU GET!

Anyone can boast about their magnetic contacts' quality. But look deep inside the magnetic contact, where human eyes seldom go, and see the quality offered only by SECO-LARM.

Step inside, and see the world-wide patented reed switch with a unique deactivated rhodium plating. See the unique glue and epoxy combination. See the advanced engineering and detailed quality control. And understand how SECO-LARM can offer the most reliable contact available anywhere, especially at the lower voltage levels normally used in security systems.



THE BEST CONTACTS



SECO-LARM's UL Listed magnetic contacts were tested under UL standard 634 specifically for Burglary Protection (SECO-LARM Test No. BP3821).

Many competitors' products are listed under the much less stringent Electrical Testing standards only.

SPECIFICATIONS

RATING

Contact capacity: 10W (max.)
Switching voltage: 100VDC or 100VAC (max.)
Switching current: 300mA (DC) (max.)
Carry current: 1.0 Amp (max.)

RESISTANCE

Contact (initial): 0.1 ohm (max.)
Wire leads: 0.3 ohm (max.)

SWITCH CYCLES

50 million (5VDC, 0.1mA)

TEMPERATURE

-15°F (-25°C) to 160°F (70°C)

DIELECTRIC STRENGTH

200VAC

BREAKDOWN VOLTAGE

200VDC between contacts

OPERATING CHARACTERISTICS

Operation time: 0.4 msec. (max.)
(0.3 msec. for SM-209 and SM-266)
Bounce time: 0.4 msec. (max.)
(0.5 msec. for SM-209 and SM-266)
Release time: 0.05 msec. (max.)
Resonant frequency: 3700Hz + 300Hz
(2750Hz + 250Hz for SM-209 and SM-266)
Operating frequency: 500Hz (max.)

ENVIRONMENTAL SPECS (Switch)

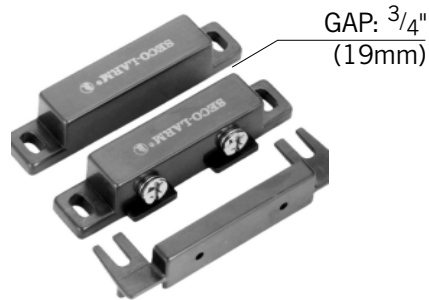
Shock: up to 30 gms for 11 msec.
Vibration: up to 20 gms at 10-55 Hz
Lead tensile strength: up to 4.4 lb.
(2 kg.) static load

MATERIAL

Case: Weatherproof, high-impact ABS plastic
Reeds: Nickel/iron alloy base, gold under-plate, deactivated rhodium outer-plating
Magnets: Alnico 5 (except where noted)
Leads: #22AWG, 15" (38cm), copper alloy (where applicable)

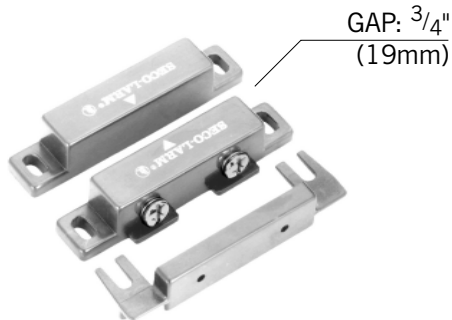
MAGNETIC CONTACTS — SURFACE MOUNT

SM-200



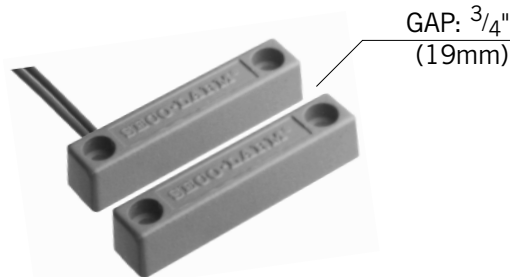
- N.O. surface-mounted contact for N.C. circuits
- Screw terminals for quick installation
- Includes terminal cover (model SM-823)
- Available in brown, gray, white

SM-300



- N.C. surface-mounted contact for N.O. circuits
- Screw terminals for quick installation
- Includes terminal cover (model SM-823)
- Available in white, brown

SM-208-3



- N.O./N.C. (3 wire) surface-mounted contact with recessed screws
- Pre-wired 15" (38cm) leads
- Available in brown

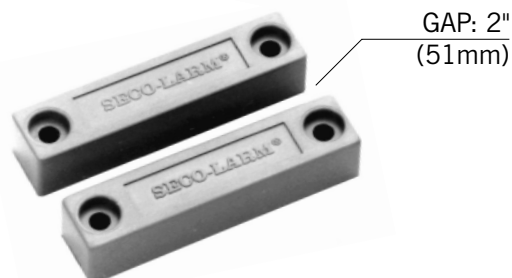
MAGNETIC CONTACTS — WIDE-GAP

SM-216



- N.O. wide-gap contact for N.C. circuits
- For loose-fitting doors and windows, steel doors and other applications where wide gaps are found
- Screw terminals for quick installation
- Includes spacers (model SM-816-2)
- Available in brown, gray
- SM-216M— magnet only for SM-216

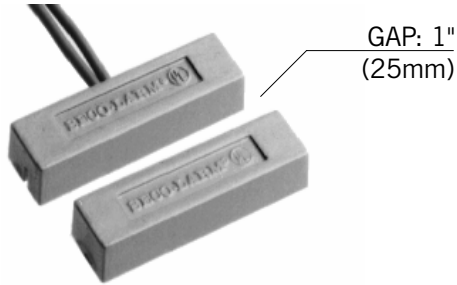
SM-217



- N.O. wide-gap contact for N.C. circuits
- Wide 2" gap, yet contact is no longer than conventional surface mount contacts
- For loose-fitting doors and windows, steel doors and other applications where wide gaps are found
- Screw terminal for quick installation
- Available in white

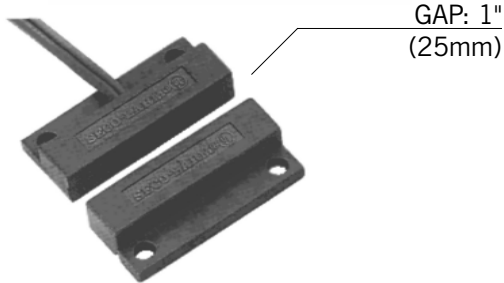
MAGNETIC CONTACTS — SELF-STICK

SM-203



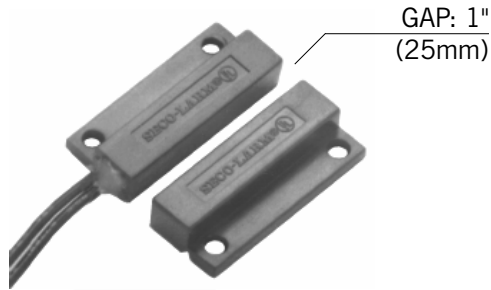
- Miniature size for installation anywhere
- N.O. contact for N.C. circuits
- Includes self-adhesive foam tape
- Pre-wired 15" (38cm) leads
- Available in brown, white
- **SM-203M**— Magnets only for **SM-203**

SM-204



- Choice of installation: screw mounting or 3M foam tape (included)
- N.O. contact for N.C. circuits
- Screw flange breaks off for extra miniature size
- Pre-wired 15" (38cm) leads extend from contact middle
- Available in brown, gray, white
- **SM-204M**— Magnets only for **SM-204**, **SM-205**

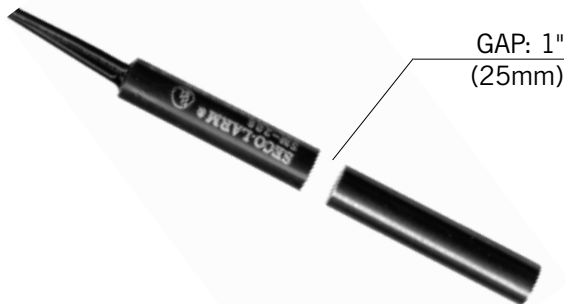
SM-205



- Choice of installation: screw mounting or 3M foam tape (included)
- N.O. contact for N.C. circuits
- Screw flange breaks off for extra miniature size
- Pre-wired 15" (38cm) leads extend from contact end
- Available in brown, white
- **SM-204M**— Magnets only for **SM-204**, **SM-205**

MAGNETIC CONTACTS — 1/4" (6.5 mm) RECESSED

SM-206



- For recessed positioning in doors, windows, drawers
- Concealed mount N.O. contact for N.C. circuits
- Surface mount in limited spaces like sliding windows
- Bare magnet, pre-wired 15" (38cm) lead
- Available in brown, white

MAGNETIC CONTACTS — STEEL DOOR PLUGS

SM-869-0.75
SM-869-1

PATENTED



(magnet not included)

- Nylon plastic holder for recessed mounting of contacts and magnets on steel doors
- Holds magnet or contact in place away from frame
- Use with **SM-206** series contact and 1/4" (6mm) (**SM-815-63** or **SM-831**) or 3/8" (10mm) (**SM-815-95**, **SM-841**, or **SM-865**) bare magnets
- Available in brown, gray
- **SM-869-0.75** for 3/4" (19mm) holes
- **SM-869-1** for 1" (25.4mm) holes

MAGNETIC CONTACTS — 3/8" (10mm) PRESS FIT

SM-207
SM-207-3

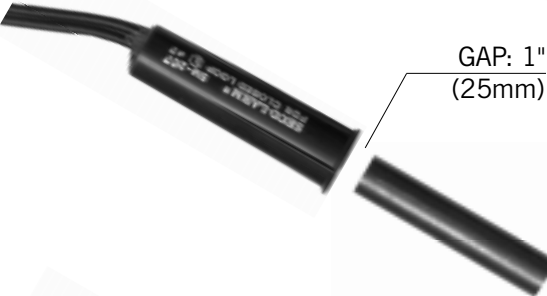


(SM-207)



- Switch/magnet case with ribs for securing in holes
- Just perfect for snaking and splicing in the field
- Available in brown, gray, white
- SM-207 – N.O. contact for N.C. circuits
- SM-207-3 – Same, but N.O./N.C. contact

SM-207-31



- Same contact as SM-207
- Bare magnet (SECO-LARM model no. SM-831) for 1" gap
- Available in white

SM-207-41



- Same contact as SM-207
- Large bare magnet (SECO-LARM model no. SM-841) for extra-wide 1³/₄" gap
- Available in brown, gray, white

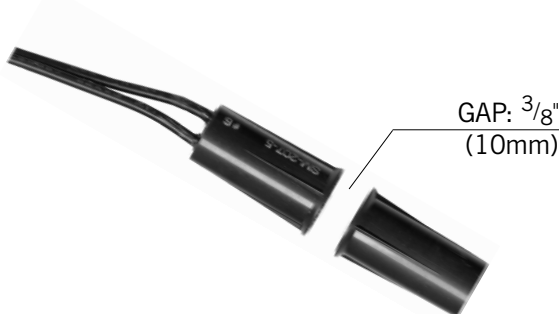
MAGNETIC CONTACTS — 3/8" (10mm) STUBBY

SM-207-5L



- Same as SM-207 but with short 3/4" (19mm) switch
- Available in brown, white

SM-207-5



- Same as SM-207 but with short 3/4" (19mm) magnet and switch for tight installations
- Available in brown, white
- SM-207-5M— Magnet only for SM-207-5

MAGNETIC CONTACTS — OVERHEAD DOOR

SM-226L
SM-226L-3



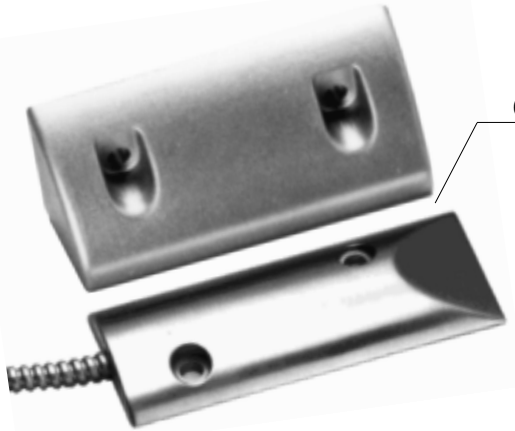
(SM-226L)



GAP: $2\frac{3}{4}$ "
(70mm)

- Switch contained in low-profile cast aluminum housing anchored directly to the floor and curved, so heavy vehicles can cross over without damaging it
- Magnet in gray ABS case mounted on L-shaped bracket
- 24" (61cm) wire leads enclosed in stainless-steel cable
- SM-226L— N.O. contact for N.C. circuits
- SM-226L-3— N.O./N.C. contact

SM-226R



GAP: $2\frac{3}{4}$ "
(70mm)

- Switch contained in low-profile cast aluminum housing anchored directly to the floor and curved, so heavy vehicles can cross over without damaging it
- Magnet enclosed in round bracket
- 24" (61cm) wire leads enclosed in stainless-steel cable
- N.O. contact for N.C. circuits

MAGNETIC CONTACTS — SCREEN

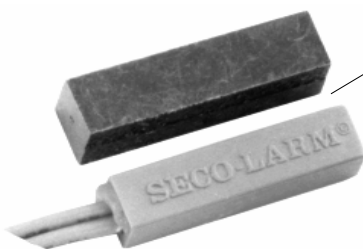
SM-266



GAP: $1\frac{1}{4}$ "
(32mm)

- Super-thin contact for easy concealed mounting, especially for window screens
- N.O. contact for N.C. circuits
- Pre-wired 15" (38cm) leads
- Available in brown

SM-209



GAP: $\frac{3}{4}$ "
(19mm)

- Super-miniature size for installation almost anywhere, especially for window screens
- N.O. contact for N.C. circuits
- Includes 15" (38cm) leads, foam tape, and bare magnet
- Available in brown, gray, white

MAGNETIC CONTACTS — ROLLER BALL

SM-267



ROLLER TRAVEL: $\frac{1}{4}$ " (6mm)

- Ideal for door jambs and sliding windows and for protecting art objects
- Rollerball plunger contact
- Polycarbonate rollerball for durable operation
- Pre-wired 15" (38cm) leads
- N.O. contact for N.C. circuits
- Available in white

MAGNETIC CONTACTS — ACCESSORIES

SM-802



- Spacer for SM-200, SM-300. Brown, gray, white.

SM-823



- Cover for SM-200, SM-300. Brown, gray, white.

SM-807



- Case for SM-207. Brown, gray, white.

SM-808



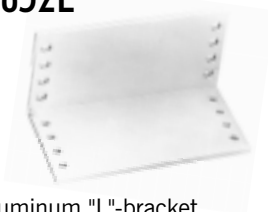
- Case for SM-208. Brown and white.

SM-816-2



- Flat spacer for SM-216. $\frac{5}{32}$ " (4mm) Brown and gray.

SM-852L



- Aluminum "L"-bracket.

SM-851



- Aluminum "Z"-bracket.

MAGNETIC CONTACTS — MAGNETS

SM-815-63



- ALNICO 5. $\frac{5}{8}$ " (15mm) long x $\frac{1}{4}$ " (6.4mm) diameter

SM-815-95



- ALNICO 5. $\frac{5}{8}$ " (15mm) long x $\frac{3}{8}$ " (9.5mm) diameter

SM-824-32



- ALNICO 5. 1" (24mm) long x $\frac{1}{10}$ " (3.2mm) diameter

SM-834



- ALNICO 5. $1\frac{3}{8}$ " (34mm) long x $\frac{1}{4}$ " (6.4mm) diameter

SM-831



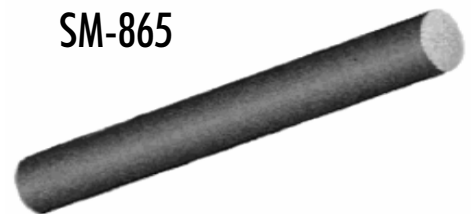
- ALNICO 5. $1\frac{1}{4}$ " (31mm) long x $\frac{1}{4}$ " (6.4mm) diameter

SM-841



- ALNICO 5. $1\frac{5}{8}$ " (41mm) long x $\frac{3}{8}$ " (9.6mm) diameter

SM-865



- ALNICO 5. $2\frac{9}{16}$ " (65mm) long x $\frac{3}{8}$ " (9.6mm) diameter