

GE Security Magnetic Contacts —

Perimeter Protection for a Range of Applications

GE Security provides professional installers a range of magnetic contacts to meet the demands of installations large and small. For over thirty years, we have led the industry with exceptional products that are designed to be easy to install and reliable. GE Security holds patents on many of our high security and specialty contacts. Whether your next application is commercial, industrial or residential, GE Security has the right magnetic contact for you to effectively secure the perimeter of any facility. When reliability and performance matter, choose GE Security magnetic contacts.

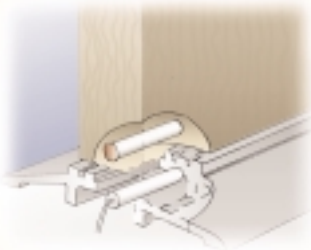
Application:

Light Commercial/Residential

Solution:

Standard recessed and surface mount magnetic contacts

Standard magnetic contacts can be used to secure doors or windows in a variety of installations. Installers can select either recessed or surface mount models, depending on the application. Typical door and window contacts consist of one reed switch and one magnet actuator. When the magnet is in proximity to the switch, the reed contacts close or open depending on whether the switch is a closed or open loop switch. If an intruder disturbs the connection between the reed switch and the magnet, the contact will send an alarm signal to the control panel.



Application:

Curtain style doors (garages, loading docks, warehouses, etc.)

Solution:

Biased and balanced magnetic contacts

Curtain style doors and fences are areas where intruders are likely to try to gain access to a facility. These locations often require balanced and biased magnetic contacts that provide a higher level of security than typical magnetic contacts. Biased, balanced magnetic contacts consist of a biased reed switch, a bias magnet and a magnet actuator. A small "bias" magnet is attached to the reed's hermetic enclosure. As the magnet actuator moves in proximity to the switch, its magnetic field overcomes the field of the smaller bias magnet and the switch becomes balanced. Attempts to defeat balanced magnetic contacts fail because they will "tip" the contact out of balance and into an alarm state.



Magnetic Contact Applications

As part of a complete perimeter protection solution, magnetic contacts provide a first line of defense against intruders. Since every installation has its own unique challenges, GE Security offers a wide array of magnetic contacts to address specific issues. The following sample applications demonstrate how different magnetic contact designs are used in common applications. For more information on the complete line of GE Security magnetic contacts, please see the information on the following pages.

Application:

Safe and vault security

Solution:

Triple-biased and balanced high security magnetic contacts

GE Security high security magnetic contacts with triple-biased reeds are highly resistant to defeat. They have three separate magnetic contact switches mounted in the same housing. The components are pre-adjusted at the factory and mounted on a steel plate to compensate for any type of mounting environment. The actuator magnets for the contact switches are arranged so that the magnetic polarity differs from one to the next. This arrangement provides an added level of security, making high security contacts nearly impossible to defeat.



Application:

Chain link fences

Solution:

Aluminum housing armor cable wide gap magnetic contacts

Chain link fences are often used to protect the perimeter of large facilities. Environmental factors, as well as fence designs, can pose real challenges for installers. GE Security offers a comprehensive line of magnetic contacts with specially designed mounting kits to address these issues and make installations fast and easy. Optional features include a triple-biased version for high security applications.



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Whether the application is commercial, residential, industrial or specialty, we have solutions that provide reliable security.

You know GE as an innovative manufacturer of quality products. You've relied on GE over the years to make your life better and brighter in all kinds of ways. It's only natural that you would turn to a trusted brand to make your home or business secure. Call on GE for the highest technology and most reliable performance – as always.

GE Security

Magnetic Contacts



Recessed Mount

1015
1/4" Diameter Press Fit with Wire Leads

- Press-fit mounting; no screws or glue needed
- Versatile
- Attractive, added security of recessed installation
- Flat-sided for surface mounting
- White



1058
1/4" Diameter Stubby with Wire Leads

- Perfect for window screen protection
- Versatile compact size
- Attractive, added security of recessed installation
- White, Brown (Colors vary by model)



1075, 1075W & R1075
3/8" Diameter Press Fit with Wire Leads with Mini-Max™ Magnets

- 3/8" press-fit mounting; no screws or glue needed
- Attractive, added security of recessed installation
- Rare-Earth Magnet Technology delivers powerful magnetic force
- White, Brown (Colors vary by model)



1078, 1078W & R1078
1" Diameter Steel Door with Wire Leads

- Special design for steel mounting
- Self-lock mounting
- UL approved for specific fire doors
- White, Brown, Gray (Colors vary by model)



1078T & 1078TW
1" Diameter Steel Door with Terminals

- Designed for use in steel doors
- Provides consistent connection
- Terminals accept 14-22 gauge wire
- Easy to install
- White, Brown, Gray (Colors vary by model)



1125 & R1125
3/8" Diameter Stubby Press Fit™ Contacts

- Only 3/4" long; ideal for installation in thin framed doors and windows
- Available with up to 1" gap distance for faster installation
- Ideal for pre-wiring; eliminates forcing switch and pre-wire into same header hole
- Closed loop
- Wide gap available
- White, Brown (Colors vary by model)



1225 & R1225
3/8" Diameter Stubby Wing Fit™ & Stubby Wing Fit™ with Mini-Max™ Magnets

- Rare-Earth Magnet Technology delivers powerful magnetic force
- "Wings" protect contact reed from being crushed by swelling wood
- Superior false alarm immunity
- White, Brown (Colors vary by model)



1055 & 1055W
1/4" Diameter Switch with Wire Leads

- Economical
- Versatile
- Attractive, added security of recessed installation
- White



1072
3/8" Diameter Flanged with Wire Leads

- Flanges for positive mounting; over-size holes
- Attractive, added security of recessed installation
- Mounting screws included
- White



1075T & 1075TW
3/8" Diameter Press Fit with Terminal Contacts

- Drastically reduces installation time
- Provides consistent connection
- Terminals accept 14-22 gauge wire
- White



1078C, 1078CW
3/4" Diameter Steel Door with Wire Leads

- Special design for steel mounting
- Self-lock mounting
- UL approved for specific fire doors
- White, Brown, Gray (Colors vary by model)



1078CT & 1078CTW
3/4" Diameter Steel Door with Terminals

- Designed for use in steel doors
- Provides consistent connection
- Terminals accept 14-22 gauge wire
- Easy to install
- White, Brown (Colors vary by model)



1125T, R1125T
1125TW & R1125TW
3/8" Diameter Stubby Terminal Contacts & Stubby Press Fit Terminal with Mini-Max™ Magnets

- Drastically reduces installation time
- Provides consistent connection
- Terminals accept 14-22 gauge wire
- Cloud loop
- Wide gaps available
- White, Brown (Colors vary by model)



1275
3/8" Diameter Wing Fit™ with Wire Leads

- Wings hold switch securely in hole, yet allow for wood shrinkage or swelling
- Wider gap distances than regular switches
- Shorter switch body for easy pre-wiring
- White



Surface Mount

1032
Miniature Flange Mount with Wire Leads

- Flanges for rapid mounting
- Convenient surface mounting
- Includes adhesive mounting strips
- Gray, White (Colors vary by model)



1035
Miniature Self-Adhesive with Wire Leads

- Quick tape mounting; no screws or glues needed
- Urethane/acrylic tape bonding improves with age
- Convenient surface mounting
- White only



1038T
Screw Terminal

- Simple to install
- Attractive low-profile design
- 1" gap distance
- White only



1045W
Industrial Surface Mount with Wire Leads

- Wide gap
- For use on steel without time consuming brackets
- Rugged construction
- Gray, White (Colors vary by model)



1045T
Industrial Screw Terminal

- Concealed terminals resist tampering and inadvertent shorting
- Easy clamping terminals speed installation
- Rugged construction
- White, Brown, Gray (Colors vary by model)



1085T
Screw Terminal

- Convenient surface mounting
- Easy clamping terminals speed installation
- Cover, spacer, screws included
- Terminals accept 14-22 gauge wire
- White, Brown, Gray (Colors vary by model)



1090
Recessed ANSI Switch

- Recessed installation for standard ANSI cut-outs
- High security contact available
- Approved for specific fire doors



1085
Screw Mount with Wire Leads

- Convenient surface mounting
- Mounting screws included
- White, Brown (Colors vary by model)



1138T
Surface Mount Terminal Contact

- Low profile design
- Tape or screw mounting
- 1" gap distance
- Terminals accept 14-22 gauge wire
- White, Brown (Colors vary by model)



1145
Ultra-Miniature with Wire Leads

- Attractive, low-profile installation fits in tight quarters
- Mounts with brads and/or urethane/acrylic tape
- White, Brown (Colors vary by model)



1285T
Designer Styled with Screw Terminals

- Ideal for residential and commercial
- Convenient surface mounting
- Angled clamping terminals for fast and easy connection
- White, Brown (Colors vary by model)



2700 Series
High Security Anodized Alloy Housing with Armor Cable

- Triple-biased reeds make defeat of switch with external magnet virtually impossible
- Magnetic field tamper for added security
- Factory compensated for effects of steel



2500 Series
Aluminum Housing Armor Cable Wide Gap

- Rugged construction for long life
- Convenient surface mounting
- Mounting brackets available for gates, garage doors, freezers



2800T Series
Explosion-Proof with Terminals

- Explosion proof
- UL Listed for hazardous location classes: Class I Group C, D, Class II Group E, F, & G
- Accepts 1/2" conduit



2810T Series
Maximum Security with Terminals

- Magnet tamper interlock shields intervening magnetic flux
- Ultimate high security contact design
- Magnetic field tamper
- Accepts 1/2" conduit



Specialty Mount

1005
Mini-Magnapull™ Magnetic Pull-Apart Cords

- Positive magnetic retention prevents false alarms
- Hermetically sealed; works in moist, dirty environments
- Durable high-impact plastic for trouble-free operation
- White



2105A
Magnapull™ Heavy Duty Magnetic Pull-Apart Cords

- Surface or recessed models
- Positive magnetic retention reduces false alarms
- Reed-actuated for high reliability
- Length of cable to 45'
- Gray



3000 Series
Recessed Roller Plunger with Wire Leads

- Short housing (3/4") fits in tight quarters (3008)
- Ideal for replacing short mechanical switches
- Flow-through design to ensure operation in dirty environments
- Long housing 1-1/2" (3005)
- White, Brown (Colors vary by model)



3010 Series
Recessed Pin Plunger

- Model 3015 available in clip mount configuration
- Model 3025T plunger self-adjusts to proper reach
- White, Brown (Colors vary by model)



3040/3050 Series
Panic Switch with Terminals

- Actuating lever designed to accommodate only tip of finger
- Latching LED indicates when switch is activated; LED powered by 12 V DC
- SPDT output for electrical compatibility
- Cold temp available



3555
Bill Trap with Vinyl Jacketed Leads

- Hidden installation in bottom of cash register drawer; removing all the money from the tray trips the switch—without thief knowing
- Hermetically sealed and epoxy-embedded reeds resist moist, dusty environments, shock and vibration for fewer false alarms
- Compact and self-adhering (no drilling); simple installation



Barrier Bars
Perimeter Alarm Switch

- Provides excellent protection for hard to protect openings (i.e., basement windows)
- Visual deterrent to intruders
- Fast and easy to install



Nice DUC
Self-Adhesive Wiring Duct

- For professional surface wired installations
- Attractive appearance for walls, ceilings, woodwork, doors and windows
- Low initial tack for ease of installation
- White, Off-White, Brown (Colors vary by model)



Specialty – Overhead Door Magnets

2200 Series
Surface Mounts with Armored Cable

- Low profile design
- Wide working gap for overhead doors
- Jacketed lead available



2302
Curtain Door

- Interlocking mounting bracket
- Magnet mounts in door channel
- Mounting hardware included



2315 Series
Industrial Extra Wide Gap

- Fast installation with minimum effort
- Fewer service calls
- All necessary mounting hardware included



2727A
Curtain Door

- Triple-biased
- SPDT
- 3' stainless steel armored cable

