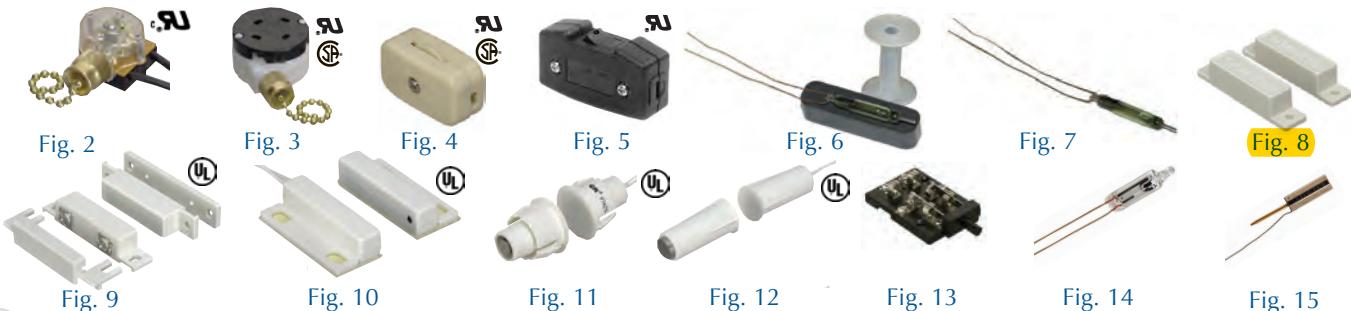


Retail Part No.	Bulk Part No.	Fig. No.	Amps 125/250 VAC/32VDC	Actuator	Mounting Hole	Hardware	Spec Drawing Page No.
35-2103	35-2103-BU	1	3	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2104	35-2104-BU	1	4	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2105	35-2105-BU	1	5	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2106	35-2106-BU	1	6	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2107	35-2107-BU	1	7	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2108	35-2108-BU	1	8	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2110	35-2110-BU	1	10	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2112	35-2112-BU	1	12	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2115	35-2115-BU	1	15	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2120	35-2120-BU	1	20	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2125	35-2125-BU	1	25	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2130	35-2130-BU	1	30	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2135	35-2135-BU	1	35	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A
35-2140	35-2140-BU	1	40	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate	303-A



Fig. 1

## SPECIALTY SWITCHES



Retail Part No.	Bulk Part No.	Fig. No.	Circuit Function	Poles & Throws	Amps 125 VAC	Amps 250 VAC	Actuator	Terminal Style	Body Color	Spec Drawing Page No.
35-864	35-864-BU	2	On Off	SPST	6	3	3-1/2" Pull Chain	6" Wire Leads		303-B
35-865	35-865-BU	3	Off 1-On 2-On	SPDT <sup>^</sup>	6	3	3-15/16" Pull Chain	Push-in	Purple	303-C
35-867	35-867-BU	3	Off 1-On 2-On 3-On	SP3T	6	3	3-3/4" Pull Chain	Push-in	White	303-D
35-849	35-849-BU	4	On Off	SPST	6	3	Thumbwheel	Insulation Piercing	White Plastic	303-E
35-853	35-853-BU	4	On Off	SPST	6	3	Thumbwheel	Insulation Piercing	Black Plastic	303-E
35-1851	35-1851-BU	5	On Off	SPST	6*		Rocker	Solder	Black Plastic	303-F

Retail Part No.	Bulk Part No.	Fig. No.	Action	Poles & Throws	Amps 20 VAC/DC	Amps 120 VAC	Amps 80 VDC	Actuator	Terminal Type	Mounting Type	Gap	Spec Drawing Page No.
35-752		6	NO or NC	SPDT	+	++	N/A	Magnet Incl.	Leaded Sd			303-G
	35-753-BU	7	NO or NC	SPDT	+	++	N/A	Need Magnet	Leaded Sd			303-G
35-750	35-750-BU	8	NO w/o Magnet	SPST	0.5**	0.08	0.10	Magnet Incl.	Screw	Surface	0.250"	303-H
35-756	35-756-BU	8	NO or NC	SPDT	0.015	0.025	0.0375	Magnet Incl.	Screw	Surface	0.250"	303-H

Retail Part No.	Bulk Part No.	Fig. No.	Action	Poles & Throws	Amps 30 VAC	Amps 120 VAC	Watts 30 VDC	Actuator	Terminal Type	Mounting Type	Gap	Spec Drawing Page No.
35-751		9	NO w/o magnet	SPST	0.3		3	Need Magnet	Screw	Terminal Surface	1.250"	303-I
35-754		10	NO w/o magnet	SPST	0.3		3	Magnet Incl.	Side WL	Submin. Surface	1.000"	303-I
35-761		11	NO w/o magnet	SPST	0.3		3	Magnet Incl.	WL	Recessed, 3/4" dia.	1.250"	303-K
35-762		12	NO w/o magnet	SPST	0.3		3	Magnet Incl.	WL	Recessed, 3/8" dia.	1.250"	303-L

Retail Part No.	Bulk Part No.	Fig. No.	Action	Poles & Throws	Amps 6 VDC	Amps 125 VAC	Tilt Angle	Actuator	Terminal Type	Mounting Type	Mounting Holes	Spec Drawing Page No.
35-730	35-730-BU	13	On Off On	DPDT	1/2			Plastic Handle	Screw		3.40 mm	303-M
35-763	35-763-BU	14	NO or NC	SPST		***	15°	Mercury	Leads			303-N
35-764	35-764-BU	15	NO or NC	SPST		1/2	15°	Int. Metal Ball	Leads			303-O

Notes: \*Rated 6Amps@120VAC <sup>^</sup>=3 Position <sup>\*\*</sup>=10 Watts Max. <sup>†</sup>=0.2 Amps@120VDC Max., 4 Watts max. <sup>Int.</sup>=Internal <sup>SD</sup>=Solder <sup>NO/NC</sup>=Normally Open or Normally Closed <sup>††</sup>=Ampere turns=15-90

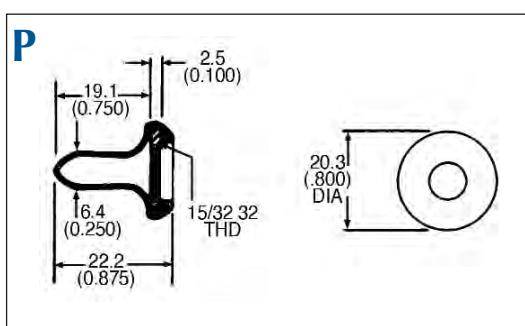
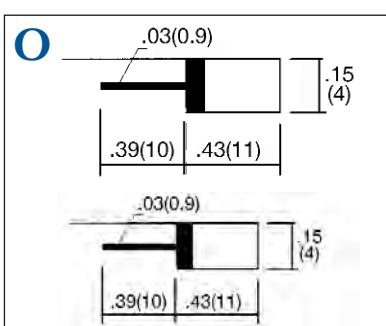
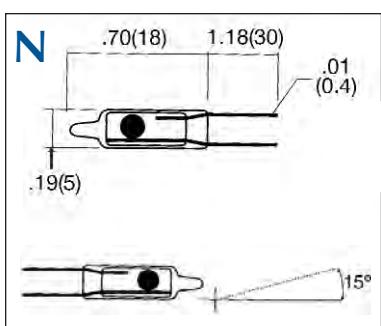
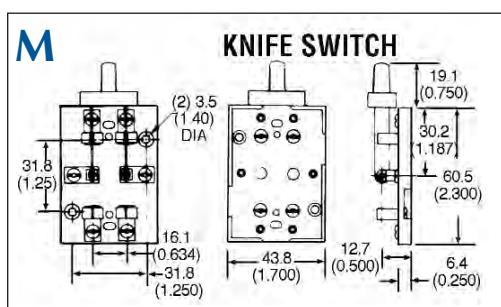
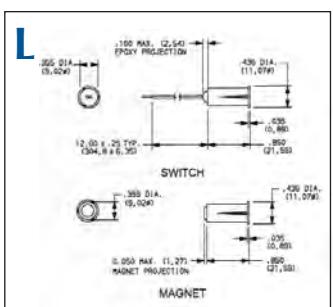
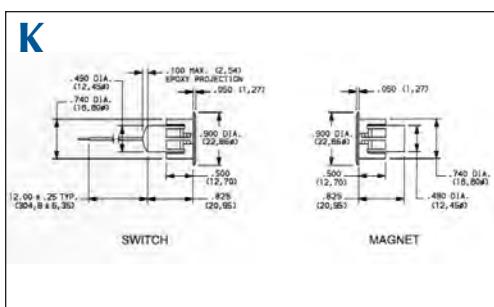
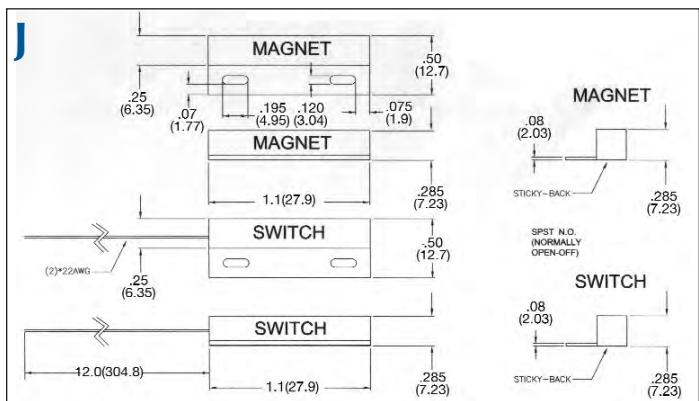
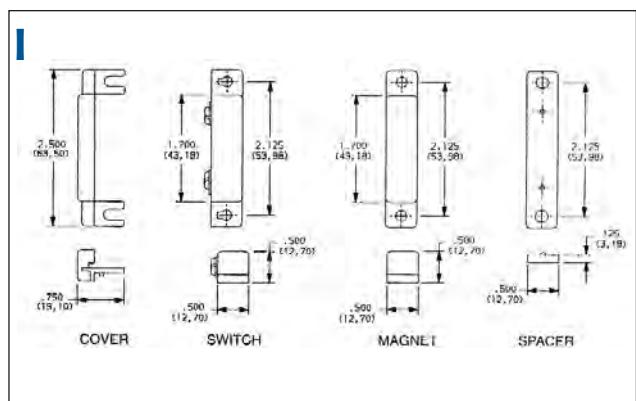
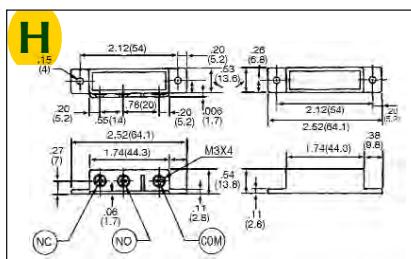
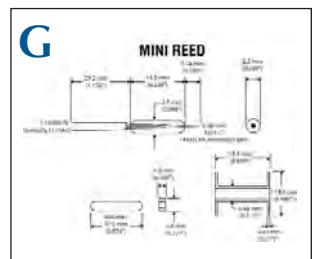
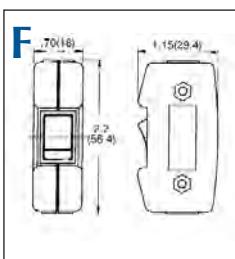
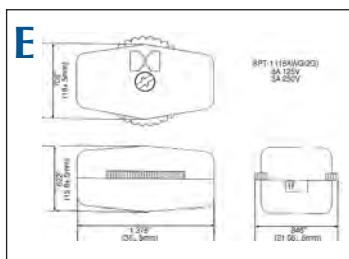
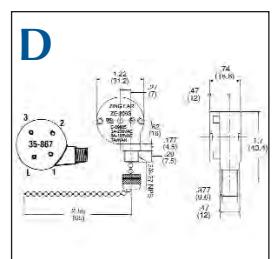
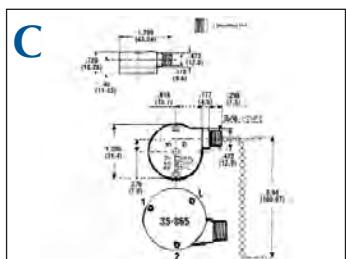
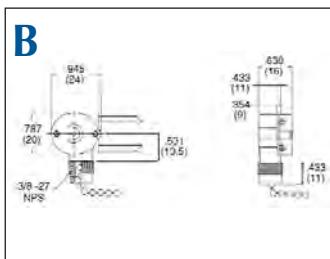
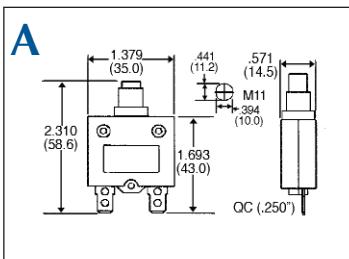
WL= Wire Leads(s) <sup>††</sup>=Internal <sup>Int.</sup>=Internal <sup>SD</sup>=Solder <sup>NO/NC</sup>=Normally Open or Normally Closed <sup>††</sup>=Ampere turns=15-90

Retail Part No.	Bulk Part No.	Fig. No.	Description
35-060	35-060-BU	16	Bat Handle Toggle Switch Boot--Thread size: 15/32-32. (see p.313-P)
35-063	35-063-BU	17	Bat Handle Mini Toggle Switch Boot (Rubber Head) 1/4" Bushing
	35-061-BU	18	Standard On/Off Switch ID Plate Fits 15/32 bushings--10 pack only
	35-2100-BU	19	Circuit Breaker Plate--10 pack only
35-436		20	Pushbutton Caps--1each Red and Black (see 35-430 & 35-432)
	35-437-BU	20	Pushbutton Caps--10 pack Red (see page 300)
	35-438-BU	20	Pushbutton Caps--10 pack Black (see page 300)
	35-758-BU	21	Magnet Only



# SWITCHES

## CIRCUIT BREAKERS & SPECIALTY SWITCHES (Cont.)

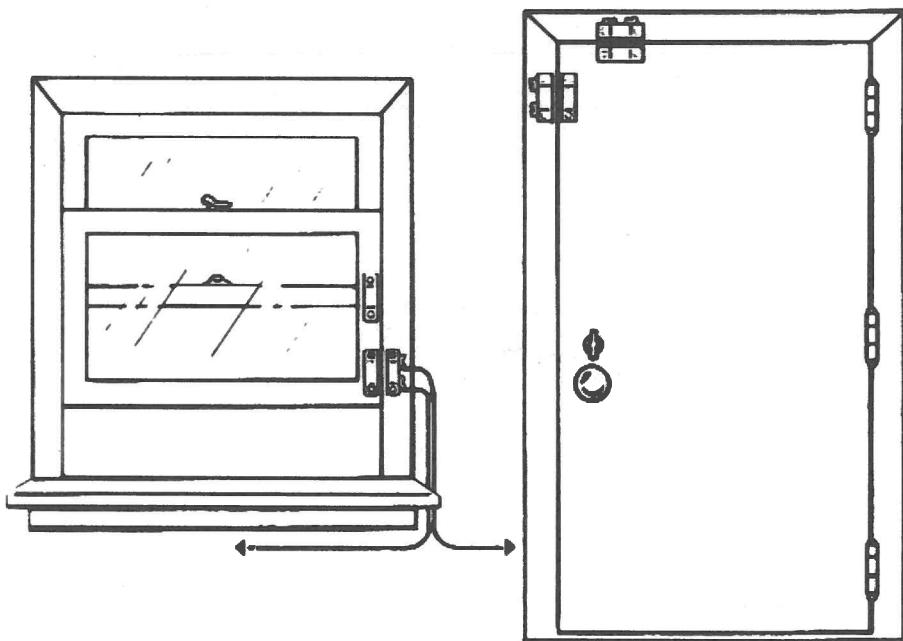


## N.O. / N.C. MAGNETIC SWITCHES

For Catalog Numbers: 35-756/35-756-BU

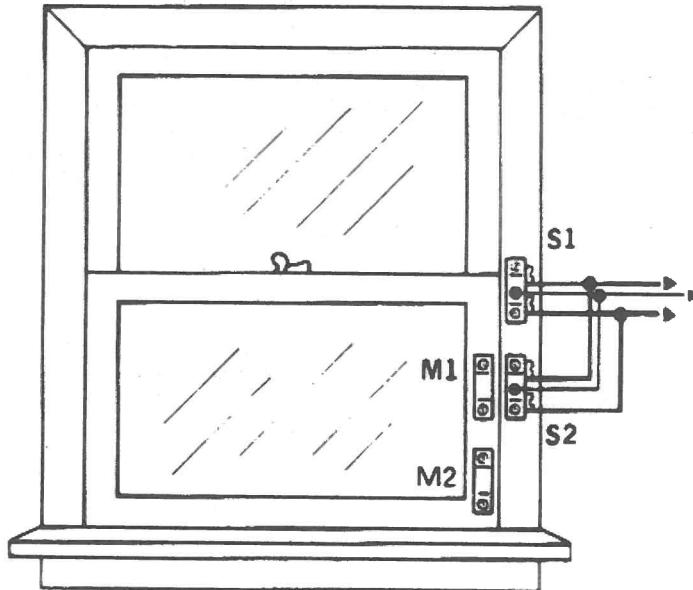
These switches have become the most popular device in burglar alarms to protect doors, windows and similar openings. They consist of two parts, one case contains the actual switch and the other a magnet. This reed switch is a dual purpose device which may be used with normally open or normally closed circuits. For use with a normally open circuit, connect wires to terminals C and NC on the reed switch. For use with a normally closed circuit, connect wires to terminals C and NO on the reed switch.

\*The switch has three connecting screws for the wires. The magnet has no terminals. As a rule the switch part is installed on the stationary part (usually the frame) of the window or door and the magnet on the door or window itself. The only exception, is the case of an alarm mounted on the door, where the switch itself is mounted on the door and the magnet on the frame. The illustration shows typical installations. These switches should be mounted on the top or the side of the door or window but not on the side which is hinged. To function properly, the switch and the magnet must be close together and line up perfectly. In some cases it will be necessary to use some wood or plastic under the switch or magnet, particularly where the door and the door frame do not line up or where there is a molding around the door. For best operation, the switch and the magnet should almost touch, but a spacing of up to 1/4" is acceptable. If the door or the frame both are made of steel, the switch and the magnet must be spaced at least 1/8" and even better 1/4" away from the steel frame or door. Use pieces of wood or plastic for this purpose.



\*NOTE: Normally open (NO) and normally closed (NC) notation is reference to the switch contacts when the magnet is away from the reed switch.

When magnetic switches are installed on a double hung window, protection can be obtained with either the window fully closed or slightly open, sometimes desirable for ventilation. This requires two magnets as shown in the illustration. As magnets are not available separately, a complete switch assembly will have to be purchased, and the switch itself not used. An additional third window position can be obtained by wiring the extra switch in parallel with the first switch. In this case, either magnet next to either switch will allow the alarm to set without sounding. Moving the window will trigger the alarm.



#### POSITIONS:

1. Magnet No. 1 (M-1) adjacent to switch No. 2 (S-2)
2. Magnet No. 2 (M-2) adjacent to switch No. 2 (S-2)
3. Magnet No. 2 (M-2) adjacent to switch No. 1 (S-1)