## Specification: BR-1011

* 3/8" diameter Super Miniature Stubby switch
* Press to fit
* Standard 18" \#22AWG Leads
* Switch or magnet are available separately
* Special leads available on request
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey


## Dimension (mm):

- ${ }^{\circ}$ Recessed Mounted

$\left(\in \mathrm{COL}_{\mathrm{Us}}\right.$


Alternate Rare Earth Magnets:


MN600
for BR-1011DMWG

## Order Information:

| Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap [Inch(mm)] | Depature Gap <br> [Inch(mm)] | Maximum Initial Contact Resistance (Ohm) | Maximum Contact Rating (W) | Maximum Switching Voltage (VDC/VAC) | Maximum Switching Current (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1011 | Closed | N/0 | 3/4 (19) | 0.8 (20) | 0.200 | 10 | 100 | 0.5 |
| BR-1011DM | Closed | N/0 | 5/8 (16) | 0.72 (18) | 0.200 | 10 | 100 | 0.5 |
| BR-1011DMWG | Closed | N/0 | 1 (25) | 1.06 (27) | 0.200 | 10 | 100 | 0.5 |

## Specification: BR-1012

* $3 / 8$ " diameter miniature flush mounted
* Press to fit
* Standard 18" \#22AWG Leads
* Special leads upon request
* Switch or magnet are available separately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey


## Dimension (mm):

## Recessed Mounted


$(\in)_{\text {Us }}$


Alternate Rare Earth Magnets:


MN600 for BR-1012DMWG


M3710C for BR-1012WGL


MN2550 for BR-1012MN2550


MN3775 for BR-1012XWG

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] | Depature Gap <br> $[I n c h(m m)]$ | Maximum Initial <br> Contact Resistance <br> $(0 \mathrm{hm})$ | Maximum <br> Contact Rating <br> $(\mathrm{W})$ | Maximum <br> Switching Voltage <br> $(\mathrm{VDC/VAC})$ | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1012 | Closed | $\mathrm{N} / 0$ | $3 / 4(19)$ | $0.8(20)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1012WG | Closed | $\mathrm{N} / 0$ | $1^{1 / 4}(32)$ | $1.45(37)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1012WGL | Closed | $\mathrm{N} / 0$ | $1^{1 / 8}(28)$ | $1.1(28)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1012MN2550 | Closed | $\mathrm{N} / 0$ | $3 / 4(20)$ | $0.9(23)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1012DM | Closed | $\mathrm{N} / 0$ | $5 / 8(16)$ | $0.75(19)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1012DMWG | Closed | $\mathrm{N} / 0$ | $1(25)$ | $1.05(27)$ | 0.150 | 10 | 100 | 0.5 |

## Specification: BR-1012T

* 3/8" diameter Stubby press to fit
* Terminal block for quick connecting
* Switch or magnet available seperately
* Build-in Resistors or Diodes on request
* Colors: White, Brown, Grey



## Dimension (mm):



MN3775 for BR-1012TWG

Alternate Rare
Earth Magnets:


Order Information:

| Part Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap <br> [Inch(mm)] | Depature Gap [Inch(mm)] | Maximum Initial Contact Resistance (Ohm) | Maximum Contact Rating <br> (W) | Maximum Switching Voltage (VDC/VAC) | Maximum Switching Current <br> (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1012T | Closed | N/O | 3/4 (19) | 0.82 (21) | 0.150 | 10 | 100 | 0.5 |
| BR-1012TWG | Closed | N/O | 11/4(35) | 1.47 (37) | 0.150 | 10 | 100 | 0.5 |
| BR-1012TFM | Closed | N/O | 11/4(31) | 1.3 (33) | 0.150 | 10 | 100 | 0.5 |

Note: Wire Range: \#20~\#24AWG

* $3 / 8$ " diameter press to fit
* Special leads upon request
* Colors: White, Brown, Grey


## Specification: BR-1013

* Standard 18" \#22 AWG leads
* Switch or magnet are available separately
* Resistor, Diode and Supervisory Loop available on request
* Build-in Resistors or Diodes on quest


## Dimension (mm):

Recessed Mounted


$$
c \epsilon
$$



Alternate Rare Earth Magnets:


MN400 for BR-1013DM


MN600 for BR-1013DMWG


MN3775 for BR-1013XWG

Order Information:

| $\left.{ }_{c} \mathrm{ULL}_{\mathrm{L}}\right)_{\mathrm{us}}$ | Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | $\begin{aligned} & \text { Reed } \\ & \text { Form } \end{aligned}$ | Closed Gap [Inch(mm)] | Depature Gap [Inch(mm)] (Ohm) | Maximum Initial Contact Resistance (W) | Maximum <br> Contact Rating (VDC/VAC) | Maximum Switching Voltage <br> (A) | Maximum <br> Switching Current |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BR-1013 | Closed | N/0 | 1 (25) | 1.1 (28) | 0.150 | 10 | 100 | 0.5 |
|  | BR-1013XWG | Closed | N/0 | $1^{1 / 4}(37)$ | 1.81 (46) | 0.150 | 10 | 100 | 0.5 |
|  | BR-1013DM | Closed | N/0 | 3/4 (19) | 0.87 (22) | 0.150 | 10 | 100 | 0.5 |
|  | BR-1013DMWG | Closed | N/0 | $1^{1 / 4}(31)$ | 1.3 (33) | 0.150 | 10 | 100 | 0.5 |
|  | BR-1013A | Open | N/C | 18 (22) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1013C | Closed\&Open | SPDT | ¹/8 (22) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1013DMA | Open | N/C | 5/8 (15) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1013DMC | Closed\&Open | SPDT | 5/8 (15) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1013DMWGA | Open | N/C | 1 (25) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1013DMWGC | Closed\&Open | SPDT | 1 (25) |  | 0.150 | 3 | 30 | 0.2 |

[^0]
## Specification: BR-1013T

* $3 / 8$ " diameter press to fit
* Terminal block for quick connecting
* Swith and Magnet available seperately
* Build-in Resistors or Diodes on quest
* Colors: White, Brown, Grey
- Recessed Mounted

( $\epsilon$


## Dimension (mm):



Alternate Rare Earth Magnets:
MN3775 for BR-1013XWG


Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ [nch(mm)] | Depature Gap <br> [Inch(mm)] | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/NAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1013T | Closed | N/0 | $15 / 16(23)$ | $0.87(25)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1013TXWG | Closed | N/0 | $1 \frac{1}{1 / 2(37)}$ | $1.61(41)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1013TA | Open | N/C | $3 / 4(19)$ |  | 0.150 | 3 | 30 | 0.2 |

Note: Wire Range: \#20~\#24AWG

## Specification: BR-1014

* Super miniature recessed switch
* 1/4" diameterstraight cylindrical set for flush or counter sunk installations
* Standard 18" \#22AWG leads
* Swith and Magnet available seperately
* Wide gap up to 1 "+ with ${ }^{1 / 4 "} \times 1$ " rare earth magnet
* Colors: White, Brown, Grey



## Dimension (mm):



Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] $]$ | Depature Gap <br> $[$ Inch(mm)] | Maximum Initial <br> Contact Resistance <br> $($ Ohm $)$ | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1014 | Closed | N/0 | $3 / 4(19)$ | $0.93(23)$ | 0.150 | 10 | 100 | 0.5 |

## Specification: BR-1015

* Super miniature recessed switch
* 1/4" diameterstraight cylindrical set for flush or counter sunk installations
* Standard 18" \#22AWG leads
* Special leads available
* Swith and Magnet available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey


## Dimension (mm):



SWITCH
MAGNET

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm) | Depature Gap <br> $[$ Inch(mm) $]$ | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum | Maximum <br> Switching Voltage <br> (VDC/VAC) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1015 | Closed | N/0 | $1(25)$ | $1.06(27)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1015A | Open | N/0 | $3 / 4(20)$ |  | 0.150 | 3 | 30 | 0.2 |
| BR-1015C | Closed \& Open | SPDT | $3 / 4(20)$ |  | 0.150 | 3 | 30 | 0.2 |

## Specification: BR-1016

* 1/4" diameter flanged flush type
* Flanged to prevent inadvertent pulling of the switch into the wall
* Wire: 18" \#22AWG leads
* Speical leads available
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey


## Dimension (mm):



SWITCH


MAGNET

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm) $]$ | Depature Gap <br> $[\operatorname{lnch}(\mathrm{mm})]$ | Maximum Initial <br> Contact Resistance <br> $($ (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1016 | Closed | N/O | $1(25)$ | $1.06(27)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1016A | Open | N/O | $3 / 4(20)$ |  | 0.150 | 3 | 30 | 0.2 |
| BR-1016C | Closed \& Open | SPDT | $3 / 4(20)$ |  | 0.150 | 3 | 30 | 0.2 |

## Specification: BR-1017

* Recessed switch
* 3/8" diameter press to fit
* Standard 18" \#22AWG leads
* Swith and Magnet available seperately
* Speical leads available
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey



## Dimension (mm):



Order Information:

| Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap [lnch(mm)] | Depature Gap [ $\mathrm{Inch}(\mathrm{mm})$ ] <br> (Ohm) | Maximum Initial Contact Resistance (W) | Maximum Contact Rating (VDC/VAC) | Maximum Switching Voltage (A) | Maximum Switching Current |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1017 | Closed | N/0 | 3/4 (19) | 0.87 (22) | 0.150 | 10 | 100 | 0.5 |
| BR-1017WG | Closed | N/O | 1 (25) | 1.1 (28) | 0.150 | 10 | 100 | 0.5 |
| BR-1017XWG | Closed | N/0 | $1^{1 / 4}(32)$ | 1.38 (35) | 0.150 | 10 | 100 | 0.5 |
| BR-1017FM | Closed | N/0 | $1^{1 / 8}(28)$ | 1.18 (30) | 0.150 | 10 | 100 | 0.5 |
| BR-1017DM | Closed | N/0 | $3 / 4$ (19) | 0.87 (22) | 0.150 | 10 | 100 | 0.5 |
| BR-1017DMWG | Closed | N/0 | 1 (25) | 1.06 (27) | 0.150 | 10 | 100 | 0.5 |
| BR-1017A | Open | N/C | 3/4 (19) |  | 0.150 | 3 | 30 | 0.2 |
| BR-1017C | Closed \& Open | SPDT | $3 / 4$ (19) |  | 0.150 | 3 | 30 | 0.2 |

## Specification: BR-1018

* Flanged recessed switch
* $3 / 8$ " diameter press to fit
* Standard 18" \#22AWG leads
* Special wire available
* Swith and Magnet available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey


## Dimension (mm):



SWITCH


MAGNET

Order Information:


## Specification: BR-1019

* Flanged recessed switch
* $3 / 8$ " diameter press to fit
* Standard 18" \#22AWG leads
* Special wire available
* Swith and Magnet available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey



## Dimension (mm):



SWITCH


MAGNET

## Order Information:



## Specification: BR-1021

* 3/4" diameter press to fit
* Suitable for steel door install
* Self-locking
* Standard 18" \#22AWG leads
* Special leads available
* Swith and Magnet available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey



## Dimension (mm):



Alternate Magnets:


M3710C for BR-1021MM

## Order Information:

| $\left.c U_{L}\right)_{u s}$ | Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> (in steel door) [Inch(mm)] | Depature Gap <br> (in steel door) [Inch(mm)] | Maximum Initial Contact Resistance (Ohm) | Maximum Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BR-1021 | Closed | N/O | $3 / 4$ (19) | 0.95 (24) | 0.150 | 7.5 | 100 | 0.4 |
|  | BR-1021MM | Closed | N/O | 1 (23)(in wood) | 1 (25) | 0.150 | 7.5 | 100 | 0.4 |
|  | BR-1021WG | Closed | N/O | 1 (25) |  | 0.150 | 7.5 | 100 | 0.4 |
|  | BR-1021A | Open | N/C | 5/8 (15) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1021C | Closed \& Open | SPDT | 5/8 (15) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1021D | DPDT | 2SPDT | $1 / 2$ (12) |  | 0.150 | 3 | 30 | 0.2 |

Note: Gap will increase twice for installations other than steel

* These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm


## Specification: BR-1021T

* $3 / 4$ " diameter press to fit
* Suitable for steel door install
* Self-locking
* Swith and Magnet available seperately
* Resistor or Diode available on request
* Colors: White, Brown, Grey



## Dimension (mm):



Alternate Magnets:


M3710C for BR-1021TMM

## Order Information:

| Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap <br> (in steel door) <br> [Inch(mm)] | Depature Gap <br> (in steel door) <br> [Inch(mm)] | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum Contact Rating (W) | Maximum Switching Voltage (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (1) BR-1021T | Closed | N/O | 1/2+ (15) | 0.6 (17) | 0.150 | 7.5 | 100 | 0.4 |
| BR-1021TMM | Closed | N/O | 1 (23) (in wood) | 0.95(24) | 0.150 | 7.5 | 100 | 0.4 |
| BR-1021TWG | Closed | N/O | $3 / 4$ (19) |  | 0.150 | 7.5 | 100 | 0.4 |
| BR-1021TA | Open | N/C | 1/2 (13) |  | 0.150 | 3 | 30 | 0.2 |

Note: 1. Gap will increase substantially for installations other than steel
2. Wire range for terminals: \#20~\#24AWG

## Specification:

BR-1022

Recessed Mounted


## Dimension (mm):



## Order Information:

| $c U_{L} \text { us }<$ | Part <br> Number | Loop <br> Type | Reed <br> Form [Inch(mm)] | Closed Gap <br> (in steel door) <br> [Inch(mm)] | Depature Gap (in steel door) (Ohm) | Maximum Initial Contact Resistance <br> (W) | Maximum Contact Rating (VDC/VAC) | Maximum <br> Switching Voltage <br> (A) | Maximum Switching Current |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BR-1022 | Closed | N/O | 0.85 (22) | 0.95 (24) | 0.150 | 7.5 | 100 | 0.4 |
|  | BR-1022WG | Closed | N/O | 1 (26) | 1.1 (28) | 0.150 | 7.5 | 100 | 0.4 |
|  | BR-1022A | Open | N/C | $3 / 4$ (19) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1022C | Closed\& Open | SPDT | $3 / 4$ (19) |  | 0.150 | 3 | 30 | 0.2 |
|  | BR-1022D | DPDT | 2SPDT | $3 / 4$ (19) |  | 0.150 | 3 | 30 | 0.2 |

[^1][^2]
## Specification: BR-1031

* Roll plunger flush type
* Work from 360 degree directions
* 3/4" diameter
* Standard 18" \#22AWG leads
* Special leads available
* Spacer and screws included
* Resistor, Diode and Supervisory Loop available on request
* Colors: White or Brown


## Dimension (mm):



## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | ClosedGap <br> (total travel) <br> $[$ Inch(mm) | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1031 | Closed | N/0 | $1 / 4(6)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1031A | Open | N/C | $1 / 4(6)$ | 0.150 | 3 | 30 | 0.2 |
| BR-1031C | Closed \& Open | SPDT | $1 / 4(6)$ | 0.150 | 3 | 30 | 0.2 |

Note: Total Travel: . 236 inch ( 6 mm ) Pre Travel: . $07+/-.03$ inch ( $1.75+/-0.75 \mathrm{~mm}$ )

## Specification:

* Plunger flush type
* 3/4" diameter
* Standard 18" \#22AWG leads
* Special leads available
* Spacer and screws included
* Terminal block available
* Colors: White or Brown
-• Dome Switch
BR-1032T



BR-1032

BR-1032T


## Order Information:

| Part <br> Number | Loop |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | Reed <br> Form | Gap <br> $($ total travel) <br> $[\operatorname{lnch}(\mathrm{mm})]$ | Maximum Initial <br> Contact Resistance <br> $($ Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> $($ VDC/VAC $)$ | Maximum <br> Switching Current <br> (A) |  |
| BR-1032 | Closed | N/0 | $1 / 4(6)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1032T | Closed | N/O | $1 / 4(6)$ | 0.150 | 10 | 100 | 0.5 |

Note: 1. Total Travel: . 236 inch (6mm) Pre Travel: . $065+/-.025$ inch ( $1.65+/-0.60 \mathrm{~mm}$ )
2. Wire range for terminal: \#18~\#24AWG

## Specification:

* Push button switch
* $3 / 4$ " diameter press to fit
* Self-locking
* Spacer and screws included
* 18" \#22AWG leads or screw terminal
* Special leads available
* Colors: White, Brown


## BR-1041



BR-1041T



## Order Information:



Note: 1. Total Travel: . 25 inch ( 6.35 mm ) Pre Travel: $.07+/-.03$ inch ( $1.75+/-0.75 \mathrm{~mm}$ )
2. Wire range for terminal: \#18~\#24AWG

## Specification:

* Adjustable screw plunger
* $3 / 8$ " diameter press to fit
* Single drink hole
* 18" \#22AWG leads or screw terminal
* Special leads available
* Flange style available
* Colors: White, Brown, Grey

Plunger Switch
BR-1051T


## Dimension (mm):



## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Gap <br> (total travel) <br> $[\operatorname{lnch}(\mathrm{mm})]$ | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1051 | Closed | N/0 | $1 / 4(6.2)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1051T | Closed | N/0 | $1 / 4(6.2)$ | 0.150 | 10 | 100 | 0.5 |

Note: 1. Total Travel: . 244 inch ( 6.2 mm ) Pre Travel: . $11+/-.04$ inch ( $2.80+/-1.00 \mathrm{~mm}$ )
2. Wire range for terminal: \#20~\#24AWG

Magnetic Contact Switches

## Specification:

* Adjustable screw plunger w/ flange
* $3 / 8$ " diameter press to fit
* Single drink hole
* 18" \#22AWG leads or screw terminal
* Special leads available
* Screws included
* Colors: White, Brown, Grey

BR-1051F

-•• Plunger Switch
BR-1051FT


## Dimension (mm):



## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Gap <br> $[$ Inch(mm)] | Maximum Initial <br> Contact Resistance <br> $($ Ohm $)$ | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/NAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1051F | Closed | N/0 | $1 / 4(6.2)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1051FT | Closed | N/O | $1 / 4(6.2)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1051FA | Open | N/C | $1 / 4(6.2)$ | 0.150 | 3 | 30 | 0.2 |
| BR-1051FTA | Open | N/C | $1 / 4(6.2)$ | 0.150 | 3 | 30 | 0.2 |

Note: 1. Total Travel: . 244 inch ( 6.2 mm ) Pre Travel: . $11+/-.04$ inch $(2.80+/-1.00 \mathrm{~mm})$
2. Wire range for terminal: \#20~\#24AWG

## Specification:

* Adjustable Plunger from 1/4" to $1 / 2$ "
* Single drink hole
* 18" \#22AWG leads
* Longer leads available
* Supervisory Loops Available
* Screws included
* Colors: White, Brown, Grey

BR-1052


Tamper/Plunger Switch BR-1052K


## Dimension (mm):



Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Gap <br> $[$ Inch(mm)] | Maximum Initial <br> Contact Resistance <br> $($ Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BR-1052 | Closed | $\mathrm{N} / 0$ | $1 / 4(6.35)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1052K | Closed | $\mathrm{N} / 0$ | $1 / 4(6.35)$ | 0.150 | 10 | 100 | 0.5 |
| BR-1052A | Open | $\mathrm{N} / \mathrm{C}$ | $1 / 4(6.35)$ | 0.150 | 3 | 30 | 0.2 |

Note: Total Travel: . 25 inch ( 6.35 mm ) Pre Travel: . $11+/-.04$ inch ( $2.80+/-1.00 \mathrm{~mm}$ )

## Specification:

* Tamper switch
* for drawers and control panel application
* Made by reed switch for reliable
* High-impact white plastic case
* Wire range for Screw terminals: 18AWG~24AWG
* Colors: White



## Tamper/Plunger Switch



TS-03

( $\in$ © (0)

## Dimension (mm):



Order Information:

| Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Gap (total travel) [Inch(mm)] | Maximum Initial Contact Resistance (0hm) | Maximum Contact Rating (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum Switching Current (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TS-01 | Closed | N/0 | 1/2 (12) | 0.150 | 10 | 100 | 0.5 |
| TS-02 | Closed | N/0 | 1/2 (12) | 0.150 | 10 | 100 | 0.5 |
| TS-03 | Closed | N/O | 1/2 (12) | 0.150 | 10 | 100 | 0.5 |

Note: 1. Total Travel: . 472 inch ( 12.0 mm ) Pre Travel: . $236+/-.04$ inch $(6.00+/-1.00 \mathrm{~mm}$ )
2. Wire range for terminals: \#18~\#24AWG

## Specification: BS-2011

* Mini Stick-on contact with flange
* Side leads with \#22AWG 18" length
* Adhesive and screw mount included
* Special leads on request
* Switches or magnets available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey
* Without Flange (BS-2051)


## Dimension (mm):

Roll Ball Switch


BS-2011

BS-2011MN2550


SWITCH


MAGNET

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> [Inch(mm)] | Depature Gap <br> [Inch(mm)] | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/NAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2011 | Closed | N/O | $1(25)$ | $1.06(27)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2011MN2550 | Closed | N/0 | $1(25)$ | $1.1(28)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2011WG | Closed | N/O | $1 / 1 / 4(31)$ |  | 0.150 | 10 | 100 | 0.5 |
| BS-2011A | Open | N/C | $1(24)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2011C | Closed \& Open | SPDT | $1(24)$ |  | 0.150 | 3 | 30 | 0.2 |

## Specification: BS-2012

* Mini Stick-on contact with flange
* Side leads with \#24AWG 18" length
* Adhesive and screw mount included
* Speical leads on request
* Switches or magnets available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey

Surface Mounted

( $\epsilon$

## Dimension (mm):



Alternate Rare Earth Magnets:


## Order Information:

|  | Part <br> Number | Loop Type | Reed Form | Closed Gap <br> [Inch(mm)] <br> (Ohm) | Depature Gap [Inch(mm)] <br> (W) | Maximum Initial Contact Resistance (VDC/VAC) | Maximum Contact Rating (A) | Maximum Switching Voltage | Maximum <br> Switching Current |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BS-2012 | Closed | N/O | 1 (24) | 1.15 (29) | 0.150 | 10 | 100 | 0.5 |
|  | BS-2012FM | Closed | N/O | 1 (25) | 1.1 (28) | 0.150 | 10 | 100 | 0.5 |
|  | BS-2012A | Open | N/C | 3/4 (19) |  | 0.150 | 3 | 30 | 0.2 |
|  | BS-2012C | Closed \& Open | SPDT | 3/4 (19) |  | 0.150 | 3 | 30 | 0.2 |

## Specification: BS-2021

* Mini Stick-on contact with flange
* Center leads with \#22AWG 18" length
* Adhesive and screw mount included
* Longer leads on request
* Switches or magnets available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey
* Without Flange (BS-2024)

Dimension (mm):


MAGNET


## Surface Mounted


( $\epsilon$


## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm) $]$ | Depature Gap <br> $[$ Inch(mm)] | Maximum Initial <br> Contact Resistance <br> $($ Ohm $)$ | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2021 | Closed | N/0 | $0.94(24)$ | $1.02(26)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2021A | Open | N/C | $1(24)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2021C | Close\&Open | SPDT | $1(24)$ |  | 0.150 | 3 | 30 | 0.2 |

## Specification: <br> BS-2022

* Screw mount or self adhesive
* Center leads with \#22AWG 18" length
* Special leads on request
* Spacer, Cover or Tape available on request
* Switches or magnets available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey


## Surface Mounted

## ( $\epsilon$

## Dimension (mm):



MAGNET


## Order Information:



## Specification:

BS-2023

* Ultra miniature switch
* Super tape included
* Center leads with \#24AWG 18" length
* Longer leads on request
* Switches or magnets available seperately
* Colors: Brown, Grey, White


## Surface Mounted


( $€$ (0)

## Dimension (mm):



Order Information:

| Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap [Inch(mm)] | Depature Gap <br> [Inch(mm)] | Maximum Initial Contact Resistance (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum Switching Voltage (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2023 | Closed | N/O | 0.45 (12) | 0.5 (13) | 0.150 | 10 | 100 | 0.5 |

## Specification: BS-2024

* Surface mounted contact without flange
* Center leads with \#22AWG 18" length
* Super adhesive: VHB tape
* Special leads on request
* Switches or magnets available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey


## Dimension (mm):



MAGNET

## Surface Mounted




## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] | Depature Gap <br> $[$ Inch(mm)] | Maximum Initial <br> Contact Resistance <br> $($ Ohm $)$ | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2024 | Closed | N/O | $0.95(24)$ | $1.05(26)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2024A | Open | N/C | $1(23)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2024C | Closed \& Open | SPDT | $1(23)$ |  | 0.150 | 3 | 30 | 0.2 |

## Specification:

BS-2025

* Surface mounted contact
* Center leads with \#22AWG 18" length
* Screw mount
* Special leads on request
* Switches or magnets available seperately
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey

Surface Mounted


Dimension (mm):


## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] $]$ | Depature Gap <br> [Inch(mm) | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/NAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2025 | Closed | N/0 | $1^{1 / 4}(31)$ | $1.38(34)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2025A | Open | N/C | $1(25)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2025C | Closed \& Open | SPDT | $1(25)$ |  | 0.150 | 3 | 30 | 0.2 |

## Specification:

BS-2031

* Screw mount Concealed terminals
* Spacers, cover and screws included
* Switches or magnets available seperately
* Resistor, Diode and Supervisory Loop available on request
* With lead available: BS-2025
* Colors: White, Brown, Grey


## Dimension (mm):



MAGNET


SWITCH

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] | Depature Gap <br> $[$ Inch(mm)] | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2031 | Closed | N/0 | $1.2(30)$ | $1.3(33)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2031A | Open | N/C | $1^{1 / 4}(31)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2031C | Closed | SPDT | $1^{1 / 4}(30)$ |  | 0.150 | 3 | 30 | 0.2 |

Note: Wire range for terminal: \#18~\#24AWG

## Specification:

* Quick connect terminal block
* Adhesive and screws mount
* Breakaway flanges
* Easy installaion
* Switches or magnets available seperately
* Colors: White, Brown, Grey
* Without tabs on side
(BS-2032OT)
-. Surface Mounted BS-20320T


Dimension (mm):

BS-2032



BS-2032


BS-2032OT


MAGNET


Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm) | Depature Gap <br> [Inch(mm)] | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2032(OT) | Closed | N/O | $0.95(24)$ | $1.06(27)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2032A(OT) | Open | N/C | $1(25)$ |  | 0.150 | 3 | 30 | 0.2 |

Note: 1 . Wide gap $1 \frac{1}{4}$ " available 2 . Wire range for terminal: \#20~\#24AWG

## Specification:

BS-2033

* Screw mount
* Attractive cover keeps mounting screws and terminal screws hidden
* Concealed or surface wiring
* Switches or magnets available seperately
* Colors: White, Brown, Grey

Dimension (mm):
-•• Surface Mounted

( $\epsilon$


MAGNET


SWITCH

## Order Information:



Note: Wire range for terminal: \#20~\#24AWG

## Specification:

BS-2034

* Screw mount
* Attractive cover keeps mounting screws and terminal screws hidden
* Concealed or surface wiring
* Switches or magnets available seperately
* Colors: White, Brown, Grey


## Surface Mounted



## Dimension (mm):



MAGNET


SWITCH

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] | Depature Gap <br> $[\operatorname{lnch}(\mathrm{mm})]$ | Maximum Initial <br> Contact Resistance <br> $($ Ohm $)$ | Maximum <br> Contact Rating <br> $(\mathrm{W})$ | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2034 | Closed | N/O | $1(25)$ | $1.2(30)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2034WG | Closed | N/0 | $1^{1 / 4}(31)$ |  | 0.150 | 10 | 100 | 0.5 |
| BS-2034A | Open | N/C | $3 / 4(19)$ |  | 0.150 | 3 | 30 | 0.2 |

Note: Wire range for terminal: \#20~\#24AWG

## Specification:

BS-2035

* Screw mount
* Terminal screws hidden with cover
* Concealed or surface wiring
* Adhesive tape available on request
* Covers and Screws included
* Switches or magnets available seperately
* Colors: White, Brown, Grey


## Surface Mounted



Dimension (mm):


SWITCH

MAGNET

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] | Depature Gap <br> [Inch(mm)] | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2035 | Closed | N/0 | $1.2(30)$ | $1.3(33)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2035A | Open | N/C | $1(25)$ |  | 0.150 | 3 | 30 | 0.2 |

Note: 1. Torque: $4.4 \mathrm{lbf} \cdot \mathrm{in}$ ( $5 \mathrm{kgf} \cdot \mathrm{cm}$ )
2. Wire range for terminal: \#20~\#24AWG

## Specification:

* Idea for Industrial or Commercial use
* Screw mount
* Spacer included
* 2 conductor jacket cable on request (BSI-2041P)
* BSI-2041P available with superversory loop
* Private label on request
* BK03 bracket is available
* Switches or magnets are available separately
* Colors: White, Brown, Grey

BSI-2041


## Surface Mounted

 BSI-2041P

## Dimension (mm):



MAGNET


SWITCH

## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[\mathrm{Inch}(\mathrm{mm})]$ | Depature Gap <br> $[\mathrm{Inch}(\mathrm{mm})]$ | Maximum Initial <br> Contact Resistance <br> $($ Ohm $)$ | Maximum <br> Contact Rating <br> $(\mathrm{W})$ | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BSI-2041(P) | Closed | $\mathrm{N} / 0$ | $2^{1 / 2(65)}$ | $2.75(70)$ | 0.150 | 10 | 100 | 0.5 |
| BSI-2041A(P) | Open | $\mathrm{N} / \mathrm{C}$ | $2(50)$ |  | 0.150 | 3 | 30 | 0.2 |
| BSI-2041PC | Closed\&Open | SPDT | $2(50)$ |  | 0.150 | 3 | 30 | 0.2 |

Note: Wire range for terminal: \#18~\#24AWG

* These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm


## Specification: BS-2051

* Stick surface mount
* Super special adhesive
* Standard 18" \#22AWG leads
* Speical leads available
* Resistor, Diode and Supervisory Loop available on request
* Colors: White, Brown, Grey
-. Surface Mounted

( $\epsilon$


## Dimension (mm):

## SWITCH



MAGNET


## Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] | Depature Gap <br> $[$ Inch(mm)] | Maximum Initial <br> Contact Resistance <br> $($ Ohm $)$ | Maximum <br> Contact Rating <br> $(\mathrm{W})$ | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2051 | Closed | N/O | $1(25)$ | $1.07(27)$ | 0.150 | 10 | 100 | 0.5 |
| BS-2051A | Open | N/C | $1(25)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2051C | Closed \& Open | SPDT | $1(25)$ |  | 0.150 | 3 | 30 | 0.2 |

## Specification:

BS-2061

* Super stick miniature switch
* Super special adhesive or nails for mounting
* Standard 18" \#22AWG leads
* Longer leads avaible
* Switches or magnets are available separately
* Colors: White, Brown, Grey


## Surface Mounted


( $\in$, (0)

## Dimension (mm):

SWITCH

MAGNET


Order Information:

| Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap [Inch(mm)] | Depature Gap <br> [Inch(mm)] | Maximum Initial Contact Resistance (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/VAC) | Maximum Switching Current (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2061 | Closed | N/0 | 0.47(12) | 0.51(13) | 0.150 | 10 | 100 | 0.5 |

## Specification:

* Metal magnetic contacts
* Ideal for commercial application or industrial use
* Screws included
* Standard 18" \#22AWG leads
* 2 Conductor jacket cable on request(BS-2071J)
* Armored cable on request (BS-2071AR)
* Longer leads available
* Resistor, Diode and Supervisory Loop available on request


## Dimension (mm):

## SWITCH

MAGNET


## Order Information:



## Specification:

BS-2072

* Metal magnetic contacts
* Ideal for securing chain link fence
* Bracket included
* Longer cable available
* Weather resistant aluminum housing
* Switches or magnets are available separately
* 2 Conductor jacket cable on request(BS-2072J)
* Ideal for securing chain link fence
* Resistor, Diode and Supervisory Loop available on request

Surface Mounted

( $\epsilon$

## Dimension (mm):




MAGNET

Order Information:

| Part <br> Number | Loop <br> Type | Reed <br> Form | Closed Gap <br> $[$ Inch(mm)] | Depature Gap <br> [Inch(mm)] | Maximum Initial <br> Contact Resistance <br> (Ohm) | Maximum <br> Contact Rating <br> (W) | Maximum <br> Switching Voltage <br> (VDC/NAC) | Maximum <br> Switching Current <br> (A) |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS-2072 | Closed | $\mathrm{N} / 0$ | $2.95(75)$ | $3.18(80)$ | 0.150 | 7.5 | 100 | 0.4 |
| BS-2072WG | Closed | $\mathrm{N} / 0$ | $3^{1 / 2}(90)$ | $3.75(95)$ | 0.150 | 7.5 | 100 | 0.4 |
| BS-2072A | Open | $\mathrm{N} / \mathrm{C}$ | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2072C | Closed \& Open | SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
| BS-2072D | DPDT | 2 2SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |

[^3]
## Specification:

## BSD-3011

* Cast aluminum casting for harsh enironment
* Wire: \#22AWG with 22" armored cable
* Longer cable available on request
* Optional "L" bracket
* Resistor, Diode and Supervisory Loop available on request
- Overhead Door Contact



## Dimension (mm):

C


## Order Information:



[^4]
## Specification:

BSD-3012

* Extrude aluminum case for harsh enironment
* Wire: \#22AWG with 22" armored cable
* Longer cable available on request
* Optional " L" bracket
* Low cost
* Resistor, Diode and Supervisory Loop available on request

Overhead Door Contact


## Dimension (mm):



## Order Information:

|  | Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap [lnch(mm)] | Depature Gap [Inch(mm)] | $\begin{array}{\|c\|} \hline \text { Maximum Initial } \\ \text { Contact Resistance } \\ (\text { Ohm }) \end{array}$ | Maximum Contact Rating (W) | Maximum Switching Voltage (VDC/VAC) | Maximum Switching Current (A) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| -(14) ${ }^{\text {us }}$ | BSD-3012 | Closed | N/0 | 2.95 (75) | 3.18 (80) | 0.150 | 7.5 | 100 | 0.4 |
|  | BSD-3012WG | Closed | N/0 | $3^{1 / 2}(90)$ | 3.75 (95) | 0.150 | 7.5 | 100 | 0.4 |
|  | BSD-3012A | Open | N/C | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
|  | BSD-3012C | Closed \& Open | SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
|  | BSD-3012D | DPDT | 2-SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |

[^5]
## Specification:

## BSD-3013

* Miniature floor mount
* Universal magnet for flexibility in mounting
* Extude aluminum casings for harsh environments
* Wire: \#22AWG with 22" armored cable
* Longer cable available on request
* Switches or magnets are available separately
* Jacket cable available: BSD3013-JK
* Resistor, Diode and Supervisory Loop available on request


## Dimension (mm):



MAGNET


SWITCH

Order Information:


[^6]
## Specification:

* Low Cost
* Heavy duty Aluminum housing
* Extude aluminum casings for harsh environments
* Wire: \#22AWG with 22" armored cable
* Longer cable available on request
* Switches or magnets are available separately
* Jacket cable available: BSD3014-J
*     * Optional " L " bracket
* Resistor, Diode and Supervisory Loop available on request
$\because$ Overhead Door Contact



## Dimension (mm):



## Order Information:

|  | Part <br> Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | Reed <br> Form | Closed Gap [lnch(mm)] | Depature Gap <br> [Inch(mm)] <br> (Ohm) | Maximum Initial Contact Resistance (W) | Maximum Contact Rating (VDC/VAC) | Maximum Switching Voltage (A) | Maximum Switching Current |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ©(UL) | BSD-3014 | Closed | N/0 | 2.95 (75) | 3.18 (80) | 0.150 | 7.5 | 100 | 0.4 |
|  | BSD-3014WG | Closed | N/0 | $3^{1 / 2}(90)$ | 3.75 (95) | 0.150 | 7.5 | 100 | 0.4 |
|  | BSD-3014A | Open | N/C | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
|  | BSD-3014C | Closed \& Open | SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
|  | BSD-3014D | DPDT | 2-SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |

[^7]
## Specification:

BSD-3015

* Small size
* Heavy duty Aluminum housing
* Extude aluminum casings for harsh environments
* Wire: \#22AWG with 22" armored cable
* Longer cable available on request
* Switches or magnets are available separately
* Jacket cable available: BSD3015-J
* Resistor, Diode and Supervisory Loop available on request
- Overhead Door Contact



## Dimension (mm):

C


## Order Information:

| Part Number | $\begin{aligned} & \text { Loop } \\ & \text { Type } \end{aligned}$ | $\begin{aligned} & \text { Reed } \\ & \text { Form } \end{aligned}$ | Closed Gap [inch(mm)] | Depature Gap [lnch(mm)] (Ohm) | Maximum Initial Contact Resistance (W) | Maximum Contact Rating (VDC/VAC) | Maximum Switching Voltage (A) | Maximum Switching Current |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BSD-3015 | Closed | N/0 | 2.95 (75) | 3.18 (80) | 0.150 | 7.5 | 100 | 0.4 |
| BSD-3015WG | Closed | N/0 | $3^{1 / 2}(90)$ | 3.75 (95) | 0.150 | 7.5 | 100 | 0.4 |
| BSD-3015A | Open | N/C | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
| BSD-3015C | Closed \& Open | SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |
| BSD-3015D | DPDT | 2-SPDT | $2^{1 / 2}(65)$ |  | 0.150 | 3 | 30 | 0.2 |

[^8]
## Bracket

| ВК01 | ВКО2 | ВККОЗ | ВКО4 |
| :--- | :--- | :--- | :--- |
| 111 |  |  |  |
| 10 |  |  |  |

## BareNeodymiumMagnet




| PWP250 <br> (1/4" Dia. pre-wireplug) | PWP375 <br> (3/8" Dia. pre-wireplug) | PWP500 <br> (1/2" Dia. pre-wire plug) | PWP750 <br> (3/4" Dia. pre-wire plug) |
| :---: | :---: | :---: | :---: |


[^0]:    * BR-1013XWG magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

[^1]:    Note: Gap will increase twice for installations other than steel

[^2]:    * These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm.

    Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

[^3]:    * These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

[^4]:    * These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

[^5]:    * These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

[^6]:    * These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

[^7]:    * These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

[^8]:    * These magnetic contact switches shall be installed so that a door or other movable opening cannot be opened more than 2 inches ( 51 mm ) without initiating an alarm. Switches exceeding 2 inches can not be installed per UL681-the Standard for installation and Classification of Burglar and Holdup Alarm

