

# 2 1/2" Commercial Surface Mount Switch Set

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## 28 / 29 / 29P Series

- ◆ This versatile series sets the Industry Standard for Commercial and Light Industrial applications
  - ◆ Surface mount magnetic contact
  - ◆ Screw down flanges
- ◆ 24" #22AWG 2 conductor jacketed lead on 29PA
  - ◆ Concealed screw terminals on 28 series
  - ◆ Side screw terminals on 29 series
  - ◆ Longer leads on 29PA upon request
  - ◆ Hermetically sealed
- ◆ Plated contacts resist sticking or freezing
- ◆ Covers, spacers and mounting hardware included
- ◆ Built in E.O.L. Resistors and Diodes upon request
- ◆ Supervisory loops and dummy terminals upon request
  - ◆ Switches and magnets available separately
  - ◆ Colors: white, brown and gray
  - ◆ Private labeling upon request
  - ◆ Lifetime Warranty



### Part Numbers

|                                               | <u>Closed Loop</u>          | <u>Open Loop</u>            | <u>SPDT</u>                 | <u>DPDT</u> |
|-----------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|
| Standard Gap<br>up to 1" and<br>5/8" on steel | 28A<br>29A<br>29PA } C€     | 28B<br>29B<br>29PB          | 28C<br>29C<br>29PC          | 29PD        |
| Wide Gap<br>up to 1 1/2" and<br>3/4" on steel | 28AWG<br>29AWG<br>29PAWG    | 28BWG<br>29BWG<br>29PBWG    | 28CWG<br>29CWG<br>29PCWG    | 29PDWG      |
| Extra Wide Gap<br>up to 2" and<br>1" on steel | 28AXWG<br>29AXWG<br>29PAXWG | 28BXWG<br>29BXWG<br>29PBXWG | 28CXWG<br>29CXWG<br>29PCXWG |             |

**WARRANTY:** Lifetime warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.  
G.R.I. PLAZA  
KIMBALL, NE 69145

WWW.GRISK.COM



1-800-445-5218  
1-800-523-1227  
(308) 235-4645  
FAX (308) 235-3561  
E-MAIL: sales@grisk.com

# 2 1/2" Commercial Surface Mount Switch Set

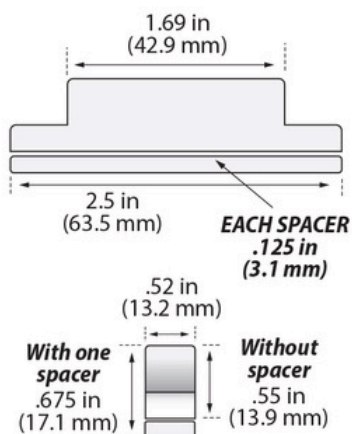


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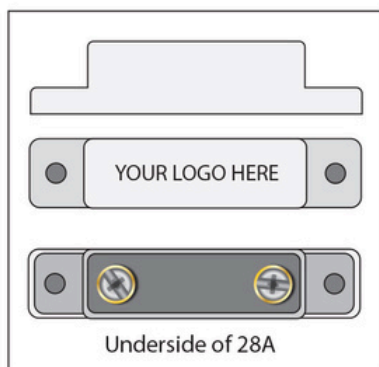
## INSTALLATION APPLICATIONS

This series offers a standard gap of 1 inch, a wide gap of up to 1 1/2" and an extra wide gap of 2 inches and can be installed on a steel surface with a minimum gap penalty. The "P" style is a pre-wired switch with 2 feet of conductor cable. A broad range of mounting brackets are also available. See spec. sheet in accessory section of our catalog.

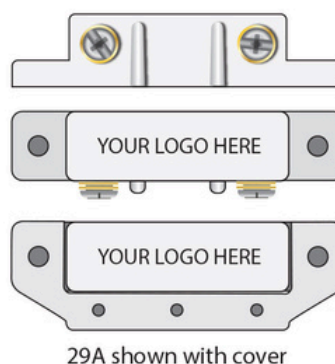
### Switch & Magnet



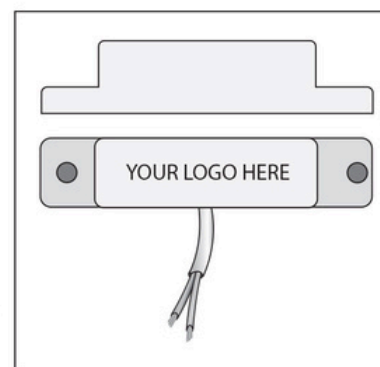
28A



29A



29PA



### GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:

| Part Number | Loop Type   | Electrical Configuration | Reed Form | Max. Initial Contact Resistance (Ω) | Max. Contact Rating (W) | Max. Switching Voltage (VDC) | Max. Switching Current (A) |
|-------------|-------------|--------------------------|-----------|-------------------------------------|-------------------------|------------------------------|----------------------------|
| 28A         | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 28AWG       | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 28AXWG      | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 29A         | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 29AWG       | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 29AXWG      | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 29PA        | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 29PAWG      | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 29PAXWG     | Closed      | N/O                      | A         | .150                                | 10                      | 160                          | .400                       |
| 28B         | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 28BWG       | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 28BXWG      | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 29B         | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 29BWG       | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 29BXWG      | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 29PB        | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 29PBWG      | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 29PBXWG     | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 28C         | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 28CWG       | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 28CXWG      | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 29C         | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 29CWG       | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 29CXWG      | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 29PC        | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 29PCWG      | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 29PCXWG     | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 29PD        |             | DPDT                     | CX2       | .140                                | 5                       | 175                          | .250                       |
| 29PDWG      |             | DPDT                     | CX2       | .140                                | 5                       | 175                          | .250                       |

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