

# 3/8" Miniature Recessed Switch Set

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## 20RS-12 & 20RS-T Series



- ◆ Ideal for thin framed doors and windows
- ◆ Recessed magnetic contact     ◆ Press to fit
- ◆ 12" #22AWG leads or screw terminals
- ◆ Longer leads, zip cord or jacketed cable upon request
- ◆ Hermetically sealed
- ◆ Plated contacts resist sticking or freezing
- ◆ Built-in E.O.L. Resistors and Diodes upon request
- ◆ Supervisory Loops available upon request
- ◆ Switches and Magnets available separately
- ◆ Colors: white, brown, gray
- ◆ Lifetime Warranty



20RS-12  
.625"



20RS-T  
.930"



30RS-12  
& 40RS-12  
.780"

### Part Numbers

|                    | <u>Closed Loop</u>       | <u>Open Loop</u> | <u>SPDT</u> |
|--------------------|--------------------------|------------------|-------------|
| Standard Gap 1/2"+ | 20RS-12<br>20RS-T        | 30RS-12          | 40RS-12     |
| Extra Wide Gap 1"+ | 20RS-12 XWG<br>20RS-TXWG | 30RS-12XWG       | 40RS-12XWG  |

## INSTALLATION APPLICATIONS

The GRI recessed "shortie" switch set is designed for applications where a 3/8" press to fit set is needed, but space limitations will not allow for a full length set to be installed. Just 5/8" long, the installer is able to protect openings with the 20RS-12 that otherwise would have to be secured with more visible surface mount configurations. Available in regular and extra wide gaps, the 20RS series provides an easy answer to the difficult, high dollar window problems every installer encounters.

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

GEORGE RISK INDUSTRIES, INC.  
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KIMBALL, NE 69145

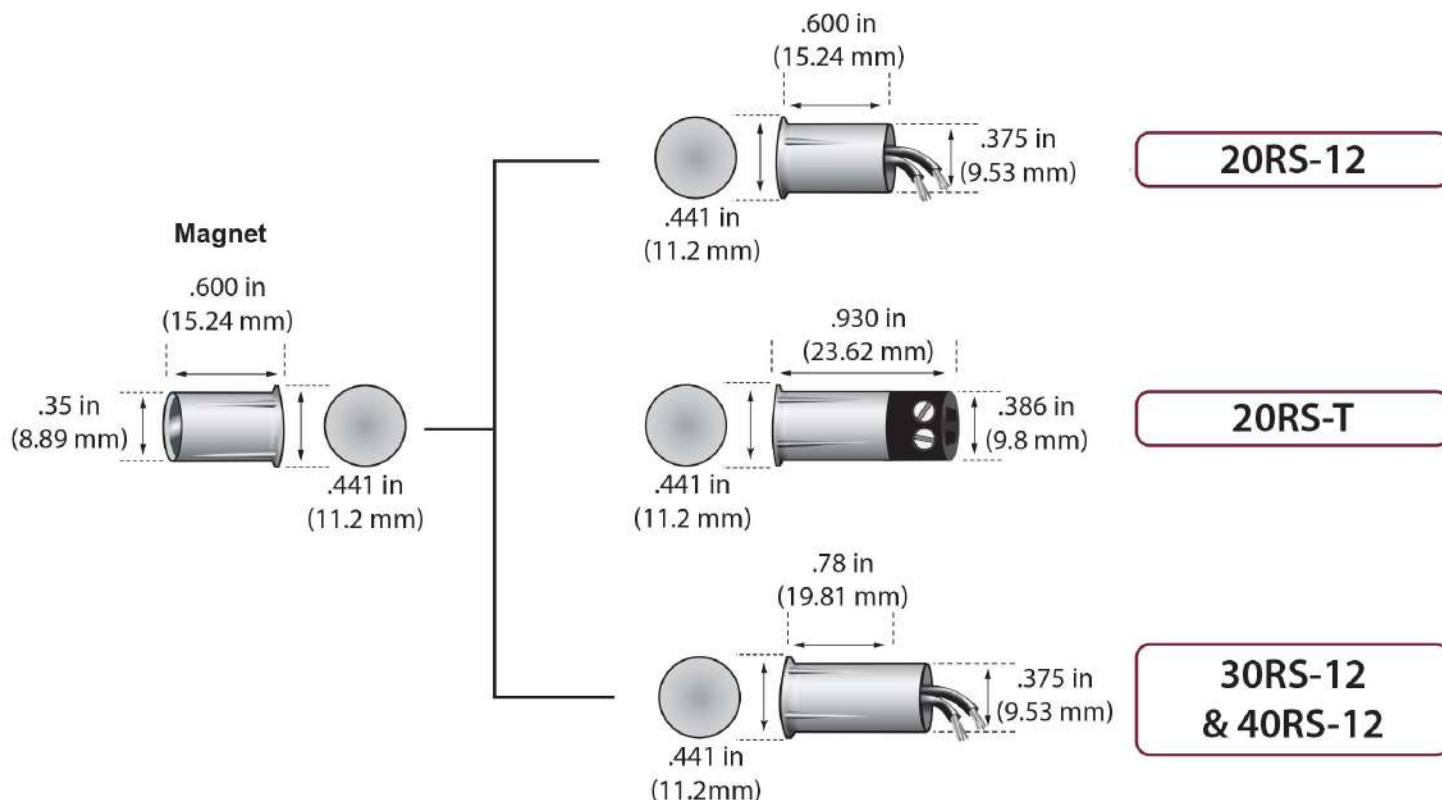
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## GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:

| 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) |
|-------------|-------------|--------------------------|-----------|-------------------------------------|-------------------------|------------------------------|----------------------------|
| 20RS-12     | Closed      | N/O                      | A         | .150                                | 10                      | 200                          | .500                       |
| 20RS-12XWG  | Closed      | N/O                      | A         | .150                                | 10                      | 200                          | .500                       |
| 20RS-T      | Closed      | N/O                      | A         | .150                                | 10                      | 200                          | .500                       |
| 20RS-TXWG   | Closed      | N/O                      | A         | .150                                | 10                      | 200                          | .500                       |
| 30RS-12     | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 30RS-12XWG  | Open        | N/C                      | B         | .140                                | 5                       | 175                          | .250                       |
| 40RS-12     | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |
| 40RS-12XWG  | Open/Closed | SPDT                     | C         | .140                                | 5                       | 175                          | .250                       |

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