

# Power Rocker Switches

## DESCRIPTION

Issued 02/04

1654929

- Full line of single or double-pole power rocker switches for three different industry compatible panel cut-out sizes



**Series PRE**  
19.4 [.76] x 22.2 [.87]  
Panel Cut-out



**Series PRF**  
22.2 [.87] x 30.2 [1.19]  
Panel Cut-out



**Series PRG**  
11.2 [.44] x 30.2 [1.19]  
Panel Cut-out

## APPLICATIONS

- |                                                                                                                                                                    |                                                                                                                                                                      |                                                                                                                                           |                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Vacuums</li> <li>• Power Tools</li> <li>• Floor Care Equipment</li> <li>• Small Appliances</li> <li>• Lighting</li> </ul> | <ul style="list-style-type: none"> <li>• Saunas</li> <li>• Instrumentation</li> <li>• Medical Equipment</li> <li>• Lawn Equipment</li> <li>• Power Strips</li> </ul> | <ul style="list-style-type: none"> <li>• Ranges</li> <li>• Vent Hoods</li> <li>• Office Equipment</li> <li>• Welding Equipment</li> </ul> | <ul style="list-style-type: none"> <li>• Industrial Control Panels</li> <li>• Industrial Machinery</li> <li>• Industrial HVAC</li> </ul> |
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## ELECTRICAL

- |                                                              |                                                                                                                                                           |                                                                                                                                                                                                                                          |                                                                                                 |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Current:</li> </ul> | <p><b>PRF Series Double Pole and PRG Series:</b><br/>16A@125 VAC<br/>10A@250 VAC</p> <p><b>PRE Series Double Pole:</b><br/>10A@125 VAC<br/>6A@250 VAC</p> | <ul style="list-style-type: none"> <li>• Inrush Current:</li> <li>• Contact Resistance (initial):</li> <li>• Dielectric Strength (initial):</li> <li>• Insulation Resistance (initial):</li> <li>• Electrical Life Endurance:</li> </ul> | <p>up to 80A<br/>&lt;50m Ohms<br/>&gt;1500 VAC, 1 min.<br/>&gt;100Mohms min.<br/>&gt;10.000</p> |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|

## MECHANICAL

- |                                                                               |                                 |
|-------------------------------------------------------------------------------|---------------------------------|
| <ul style="list-style-type: none"> <li>• Operating Life Endurance:</li> </ul> | <p>up to &gt;100.000 cycles</p> |
|-------------------------------------------------------------------------------|---------------------------------|

## MATERIALS

- |                                                                                                     |                                                                                                 |                                                                                                                         |                                                                                 |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Housing:</li> <li>• Rocker:</li> <li>• Contact:</li> </ul> | <p>Nylon 6/6 UL 94V-2<br/>Nylon 6/6 UL 94V-2 or Polycarbonate UL 94V-2<br/>Silver-tin Oxide</p> | <ul style="list-style-type: none"> <li>• Terminals, Active contactor:</li> <li>• Plunger:</li> <li>• Spring:</li> </ul> | <p>Silver plated copper alloy<br/>Nickel plated copper alloy<br/>Steel Wire</p> |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|

## STANDARDS & SPECS

- UL, CSA, VDE, ENEC

## FOR MORE INFORMATION

### Technical Support

Contact your local Tyco Electronics Support / Sales Office

Internet: <http://www.tycoelectronics.com>

new product

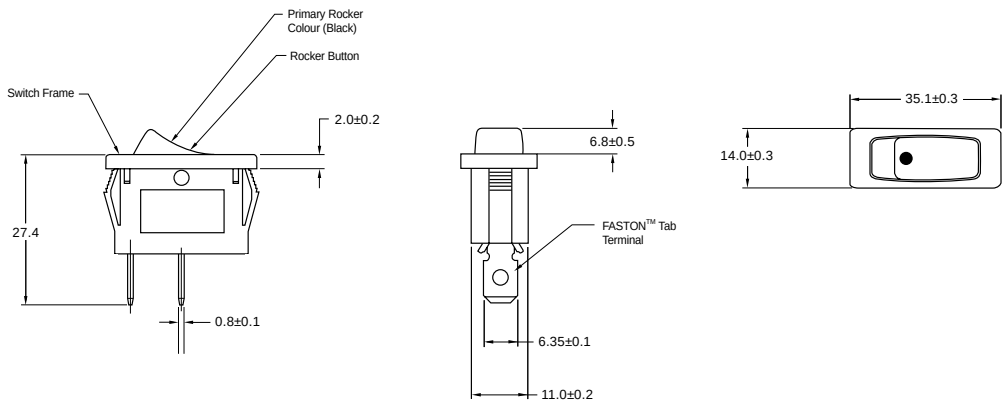
# Series PRG

## 11.2 [.44] x 30.2 [1.19] Panel Cutout

### FEATURES & BENEFITS

- Easy to install snap-in mounting
- Full illuminated rocker option
- Wide range of marking options and functions available
- Solder lug or FASTON .250 Tab terminals
- Cost competitive

### PRODUCT DIMENSIONS



### ALCOSWITCH PART NUMBER

|                                                                                                                                     |    |   |   |    |     |   |   |   |   |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------|----|---|---|----|-----|---|---|---|---|---|---|
| <b>Switch Type</b><br>PR Power Rockers                                                                                              | PR | G | D | XX | —XX | X | X | X | X | X | X |
| <b>Panel Cut-out Size</b><br>G .441 [11.2] x 1.189 [30.2]                                                                           |    |   |   |    |     |   |   |   |   |   |   |
| <b>Number of Poles</b><br>S Single Pole                                                                                             |    |   |   |    |     |   |   |   |   |   |   |
| <b>Switch Functions</b><br>A1 ON-OFF; opaque, single-colour rocker button<br>B1 ON-OFF; transparent, lamp-illuminated rocker button |    |   |   |    |     |   |   |   |   |   |   |
| <b>Power Rating</b><br>16 16A @ 125 VA; 10A @ 250 VAC                                                                               |    |   |   |    |     |   |   |   |   |   |   |
| <b>Terminal Type</b><br>F FASTON Tab                                                                                                |    |   |   |    |     |   |   |   |   |   |   |
| <b>Legend Text Colour</b><br>0 Not Applicable R Red<br>B Black W White<br>G Green                                                   |    |   |   |    |     |   |   |   |   |   |   |
| <b>Legend Text Pattern</b><br>0 Not Applicable B 0 -<br>A •                                                                         |    |   |   |    |     |   |   |   |   |   |   |
| <b>Secondary Rocker Colour, Window Colour, or LED Colour</b><br>0 Not Applicable R Red<br>B Black W White<br>G Green                |    |   |   |    |     |   |   |   |   |   |   |
| <b>Rocker Colour</b><br>B Black R Red<br>G Green Y Yellow                                                                           |    |   |   |    |     |   |   |   |   |   |   |
| <b>Frame Colour</b><br>B Black<br>W White                                                                                           |    |   |   |    |     |   |   |   |   |   |   |

### PRODUCT OFFERING

| Part Numbers     |                  |
|------------------|------------------|
| Alcoswitch       | Tyco Electronics |
| PRGSB1-16F-BG000 | 0-1634202-6      |
| PRGSB1-16F-BR000 | 0-1634202-5      |
| PRGSA1-16F-BR000 | 0-1634202-4      |
| PRGSA1-16F-BB0BW | 0-1634202-3      |
| PRGSA1-16F-BB0AW | 0-1634202-2      |
| PRGSA1-16F-BB000 | 0-1634202-1      |

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