

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

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

ELECTRICAL

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

MECHANICAL

- Operating Life Endurance: up to >100.000 cycles

MATERIALS

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

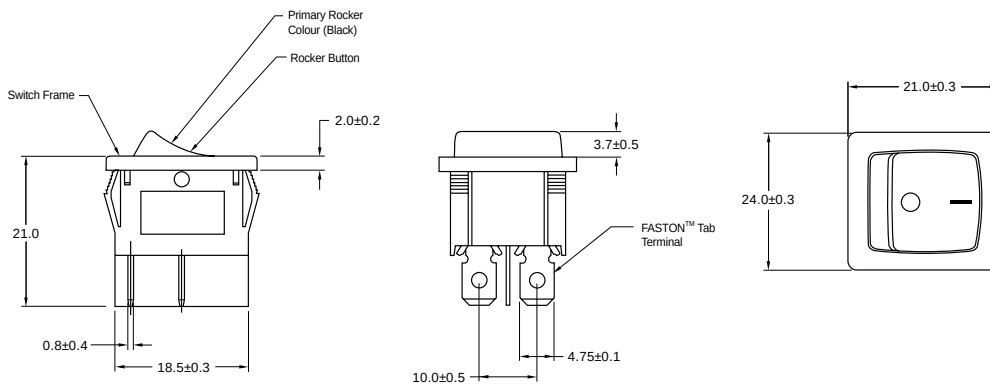
Series PRE

19.4 [.76] x 22.2 [.87] Panel Cutout

FEATURES & BENEFITS

- Easy to install snap-in mounting
- Dust resistant
- Dual colour rocker option
- Full-illuminated rocker option
- LED or incandescent window illuminated option
- Wide range of marking options and functions available
- Solder lugs or .187 FASTON Tab terminals
- Cost competitive

PRODUCT DIMENSIONS



ALCOSWITCH PART NUMBER

Switch Type PR Power Rockers	Panel Cut-out Size E .764 [19.4] x .874 [22.2]	Number of Poles D Double Pole	Switch Functions A1 ON-OFF; opaque, single-colour rocker button B1 ON-OFF; transparent, lamp-illuminated rocker button D1 ON-ON; opaque, single-colour rocker button D3 ON-OFF-ON; opaque, single-colour rocker button D4 ON-OFF-(ON); opaque, single-colour rocker button D5 (ON)-OFF-(ON); opaque, single-colour rocker button	Power Rating 07 10A @ 125 VA; 6A @ 250 VAC	Legend Text Colour 0 Not Applicable G Green R Red W White	Legend Text Pattern 0 Not Applicable B 0 - C 0 I D I II E -- = F I o II G - 0 =	Secondary Rocker Colour, Window Colour, or LED Colour 0 Not Applicable B Black G Green R Red W White	Rocker Colour B Black G Green R Red W White	Frame Colour B Black W White	Terminal Type F FASTON Tab L Solder Lug
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PRODUCT OFFERING

Part Numbers	Alcoswitch	Tyco Electronics
PRED1-07F-BB000	0-1634200-1	
PRED1-07F-BB0BW	0-1634200-2	
PRED1-07F-BB0CW	0-1634200-3	
PRED1-07L-BB000	0-1634200-4	
PRED1-07L-BB0BW	0-1634200-5	
PRED1-07L-BB0CW	0-1634200-6	
PREDB1-07F-BR000	0-1634200-7	
PREDB1-07L-BR000	0-1634200-8	
PREDB1-07F-BG000	0-1634200-9	
PREDB1-07L-BG000	1-1634200-0	
PREDD1-07F-BB000	1-1634200-1	
PREDD1-07F-BB0DW	1-1634200-2	
PREDD1-07F-BB0EW	1-1634200-3	

Part Numbers	Alcoswitch	Tyco Electronics
PREDD1-07L-BB000	1-1634200-4	
PREDD1-07L-BB0DW	1-1634200-5	
PREDD1-07L-BB0EW	1-1634200-6	
PREDD3-07F-BB0FW	1-1634200-7	
PREDD3-07F-BB0GW	1-1634200-8	
PREDD3-07L-BB0FW	1-1634200-9	
PREDD3-07L-BB0GW	2-1634200-0	
PREDD4-07F-BB000	2-1634200-1	
PREDD4-07F-BB0FW	2-1634200-2	
PREDD4-07F-BB0GW	2-1634200-3	
PREDD5-07F-BB000	2-1634200-4	
PREDD5-07F-BB0FW	2-1634200-5	
PREDD5-07F-BB0GW	2-1634200-6	

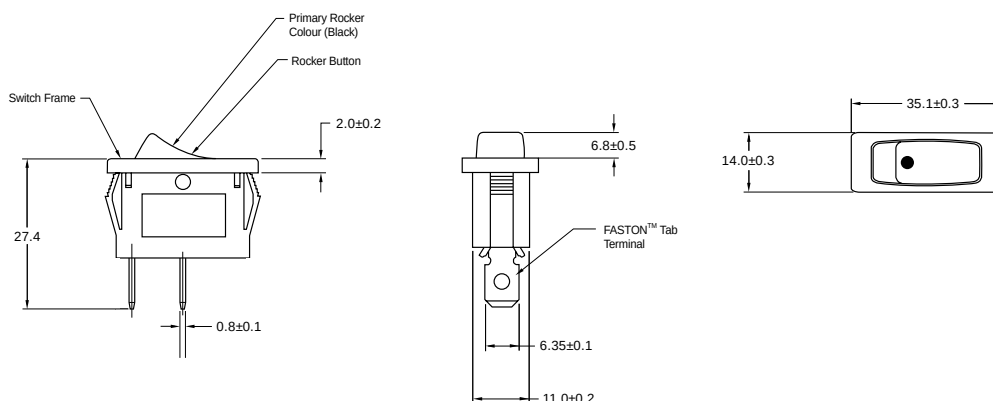
Series PRG

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

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

tyco
Electronics