

Series PRA, PRB and PRD

Product Facts

- Full line of single or double-pole power rocker switches for three different industry compatible panel cut-out sizes
- Easy to install snap-in mounting
- Dust resistant
- Dual color rocker option
- Full-illuminated rocker option
- LED or neon window illuminated option
- Wide range of marking options and functions available
- Solder lugs or .187 & .250 FASTON Tab terminals
- Cost competitive



Electrical Characteristics

Current: 16A@125 VAC 1/3 HP

10A@250 VAC 1/2 HP

PRA Series Double Pole:

7A@125 VAC

6A@250 VAC

PRA Series Single Pole:

6 (3)A 250V ~ 10A 125V ~

μ 25T85

Inrush Current: 50A/3msec
(capacitive load)

Contact Resistance (initial): <50m
Ohms

Dielectric Strength (initial): >1000
VAC, 1 min.

Insulation Resistance (initial):
>100Mohms min.

Electrical Life Endurance:

>6000 operations

Voltage drop <100 mV

Mechanical Characteristics

Operating Life Endurance: up to
>100,000 operations

Actuating Force:

Series PRA 150g min., 650g max.

Series PRB 300g min., 700g max.

Series PRD 850g min., 1250g max.

Materials and Finish

Housing: Nylon 6/6 UL 94V-2

Rocker: Nylon 6/6 UL 94V-2 or
Polycarbonate UL 94V-2

Contact: Silver-tin Oxide

Terminals, Active Contactor: Silver
plated copper alloy

Plunger: Nickel plated copper alloy

Spring: Steel Wire

Standards & Specs

UL Approved - File No. E46765

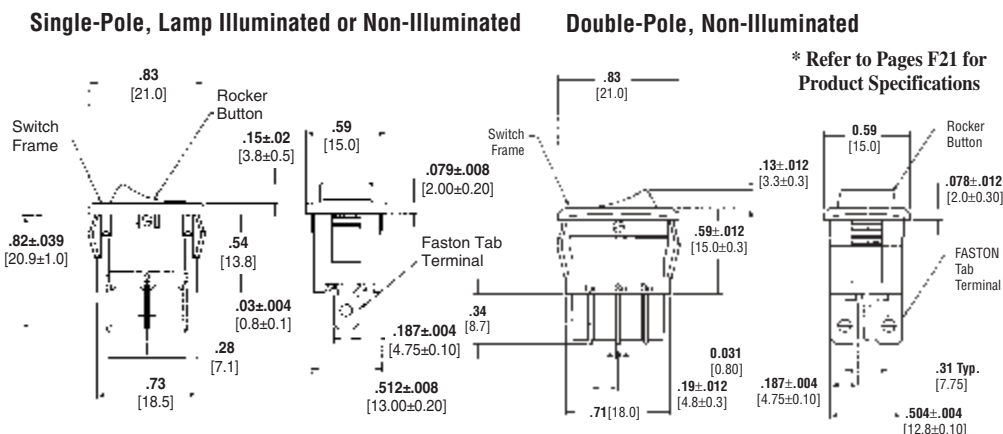
ENEC/VDE approval - File No.
40006757 (PRA Single Pole Series
only)

.51 [13.0] x .76 [19.2] Panel Cutout



Product Facts

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



Non-Illuminated Version Shown

Alcoswitch Part Number

	P	R	A	X	XX	-	XX	X	-	X	X	X	X
Switch Type													
PR Power Rockers													
Panel Cut-out Size													
A .51 [13.0] x .76 [19.2]													
Number of Poles													
S Single Pole													
D Double Pole													
Switch Functions													
A1 ON-OFF; opaque, single-color rocker button													
A2 ON-OFF; opaque, dual-color rocker button													
A3 (ON)-OFF; opaque, single-color rocker button													
B1 ON-OFF; transparent, lamp-illuminated rocker button (100-125 V lamp voltage)													
B2 ON-OFF; opaque, with lamp window, lamp-illuminated rocker button (100-125 V lamp voltage)													
B3 ON-OFF; transparent, lamp-illuminated rocker button (200-250 V lamp voltage)													
B4 ON-OFF; opaque, with lamp window, lamp-illuminated rocker button (200-250 V lamp voltage)													
C1 ON-OFF; opaque, with LED window, LED-illuminated rocker button													
D1 ON-ON; opaque, single-color rocker button													
D2 ON-(ON); opaque, single-color rocker button													
D3 ON-OFF-ON; opaque, single-color rocker button													
D4 ON-OFF-(ON); opaque, single-color rocker button													
Power Rating													
07 7A @ 125 VAC; 6A @ 250 VAC (Double-pole only)													
16 16A, 1/3 Hp @ 125 VAC (Single-pole only) 10A, 1/2 Hp @ 250 VAC 10A 125V~ 6 (3)A 250V~ u 25T85													

Legend Text Color			
0 Not Applicable	R Red		
B Black	W White		
G Green			

Legend Text Pattern			
0 Not Applicable	E		
A Dot	F ~ o =		
B o ~	I o		
C o !	H ON OFF		
D ==	J <		

Secondary Rocker Color, Window Color, or LED Color			
0 Not Applicable	C Clear		
A Amber	G Green		
B Black	R Red		
	W White		

Rocker Color	
A Amber	G Green
B Black	R Red
C Clear	W White

Frame Color	
B Black	
W White	

Terminal Type	
F FASTON Tab	
L Solder Lug	

Part No.

Tyco Electronics		Alcoswitch	
1571076-9	PRASA1-16F-BB000	1571079-7	PRASD3-16F-BB000
1-1571076-0	PRASA1-16F-BB0BW	1571079-8	PRASD3-16F-BB0FW
1-1571076-1	PRASA1-16F-BB0CW	1571079-9	PRASD3-16F-BB0GW
1-1571076-2	PRASA1-16L-BB000	1-1571079-0	PRASD2-16F-BB000
1-1571076-3	PRASA1-16L-BB0BW	1-1571079-1	PRASD2-16F-BB0DW
1-1571076-4	PRASA1-16L-BB0CW	1-1571079-2	PRASD2-16F-BB0EW
1-1571076-5	PRASA1-16F-BR000	1-1571079-3	PRASD4-16F-BB000
1-1571076-6	PRASA1-16L-BR000	1-1571079-4	PRASD4-16F-BB0FW
1-1571076-7	PRASA2-16F-BBRBR	1-1571079-5	PRASD4-16F-BB0GW
2-1571076-0	PRASA1-16F-BB0HW	1571083-2	PRASC1-16F-BBR00
2-1571076-1	PRASA3-16F-BB0JW	1571084-1	PRADA1-07F-BB000
1571078-2	PRASB1-16F-BR000	1571084-2	PRADA1-07F-BB0BW
1571078-4	PRASB2-16F-BBR00	1571084-3	PRADA1-07F-BB0CW
1571079-4	PRASD1-16F-BB000	1571084-4	PRADA1-07F-BR000
1571079-5	PRASD1-16F-BB0DW		
1571079-6	PRASD1-16F-BB0EW		

PVC Waterproof Cover: 1571786-

PVC Waterproof Cover: 1571786-1

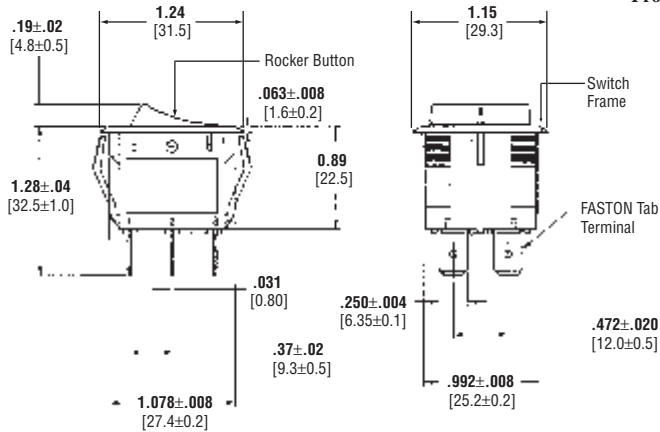


1.00 [25.4] x 1.09 [27.6] Panel Cutout



Product Facts

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



* Refer to Pages F21 for Product Specifications

Alcoswitch Part Number

Switch Type	PR	D	D	XX	XX	X	X	X	X	X	X
PR Power Rockers											
Panel Cut-out Size											
B 1.00 [25.4] x 1.09 [27.6]											
Number of Poles											
S Double Pole											
Switch Functions											
A1 ON-OFF; opaque, single-color rocker button											
B1 ON-OFF; transparent, lamp-illuminated rocker button (100-125 V lamp voltage)											
B3 ON-OFF; transparent, lamp-illuminated rocker button (200-250 V lamp voltage)											
D1 ON-ON; opaque, single-color rocker button											
D3 ON-OFF-ON; opaque, single-color rocker button											
Power Rating											
16 16A, 1/3 Hp @ 125 VAC											
10A, 1/2 Hp @ 250 VAC											
Terminal Type											
F FASTON Tab											
Legend Text Color											
0 Not Applicable											
B Black											
G Green											
R Red											
W White											
Legend Text Pattern											
0 Not Applicable											
A Dot											
B o - -											
C o											
D - =											
E											
F - o =											
G o											
H ON OFF											
Secondary Rocker Color, Window Color, or LED Color											
0 Not Applicable											
Rocker Color											
A Amber											
B Black											
C Clear											
G Green											
R Red											
W White											
Frame Color											
B Black											
W White											

Part No.

Tyco Electronics	Alcoswitch	Tyco Electronics	Alcoswitch
1571103-1	PRDDA1-16F-BB000	1571112-1	PRddb1-16F-BR000
1571103-2	PRDDA1-16F-BB0BW	1571112-2	PRddb1-16F-BA000
1571103-3	PRDDA1-16F-BB0CW	1571113-1	PRDDD1-16F-BB000
1571103-4	PRDDA1-16F-BR000	1571113-2	PRDDD1-16F-BB0DW
1571103-5	PRDDA1-16F-BB0HW	1571113-3	PRDDD1-16F-BB0EW
1571103-6	PRDDA1-16F-BR0HW	1571113-4	PRDDD3-16F-BB000
1571113-7	PRDDD3-16F-BR000	1571113-5	PRDDD3-16F-BB0FW
		1571113-6	PRDDD3-16F-BB0GW