

# Economy Non-Illuminated Plastic Push Buttons



## Momentary



## Maintained



Color	Description & Function	Cat No.
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Momentary		
White	Flush, 1NO Contact	3PSF110
Black	Flush, 1NO Contact	3PSF210
Green	Flush, 1NO Contact	3PSF310
Red	Flush, 1NO Contact	3PSF410
Blue	Flush, 1NO Contact	3PSF610
Yellow	Flush, 1NO Contact	3PSF810
White	Flush, 1NC Contact	3PSF101
Black	Flush, 1NC Contact	3PSF201
Green	Flush, 1NC Contact	3PSF301
Red	Flush, 1NC Contact	3PSF401
Blue	Flush, 1NC Contact	3PSF601
Yellow	Flush, 1NC Contact	3PSF801
White	Flush, 1NO + 1NC Contact	3PSF111
Black	Flush, 1NO + 1NC Contact	3PSF211
Green	Flush, 1NO + 1NC Contact	3PSF311
Red	Flush, 1NO + 1NC Contact	3PSF411
Blue	Flush, 1NO + 1NC Contact	3PSF611
Yellow	Flush, 1NO + 1NC Contact	3PSF811
White	Flush, 2NO Contact	3PSF120
Black	Flush, 2NO Contact	3PSF220
Green	Flush, 2NO Contact	3PSF320
Red	Flush, 2NO Contact	3PSF420
Blue	Flush, 2NO Contact	3PSF620
Yellow	Flush, 2NO Contact	3PSF820
White	Flush, 2NC Contact	3PSF102
Black	Flush, 2NC Contact	3PSF202
Green	Flush, 2NC Contact	3PSF302
Red	Flush, 2NC Contact	3PSF402
Blue	Flush, 2NC Contact	3PSF602
Yellow	Flush, 2NC Contact	3PSF802

Maintained		
White	Flush, 1NO Push-Push	3PSFPP110
Black	Flush, 1NO Push-Push	3PSFPP210
Green	Flush, 1NO Push-Push	3PSFPP310
Red	Flush, 1NO Push-Push	3PSFPP410
Blue	Flush, 1NO Push-Push	3PSFPP610
Yellow	Flush, 1NO Push-Push	3PSFPP810
White	Flush, 1NC Push-Push	3PSFPP101
Black	Flush, 1NC Push-Push	3PSFPP201
Green	Flush, 1NC Push-Push	3PSFPP301
Red	Flush, 1NC Push-Push	3PSFPP401
Blue	Flush, 1NC Push-Push	3PSFPP601
Yellow	Flush, 1NC Push-Push	3PSFPP801
White	Flush, 1NO + 1NC Push-Push	3PSFPP111
Black	Flush, 1NO + 1NC Push-Push	3PSFPP211
Green	Flush, 1NO + 1NC Push-Push	3PSFPP311
Red	Flush, 1NO + 1NC Push-Push	3PSFPP411
Blue	Flush, 1NO + 1NC Push-Push	3PSFPP611
Yellow	Flush, 1NO + 1NC Push-Push	3PSFPP811
White	Flush, 2NO Push-Push	3PSPP120
Black	Flush, 2NO Push-Push	3PSPP220
Green	Flush, 2NO Push-Push	3PSPP320
Red	Flush, 2NO Push-Push	3PSPP420
Blue	Flush, 2NO Push-Push	3PSPP620
Yellow	Flush, 2NO Push-Push	3PSPP820
White	Flush, 2NC Push-Push	3PSPP102
Black	Flush, 2NC Push-Push	3PSPP202
Green	Flush, 2NC Push-Push	3PSPP302
Red	Flush, 2NC Push-Push	3PSPP402
Blue	Flush, 2NC Push-Push	3PSPP602
Yellow	Flush, 2NC Push-Push	3PSPP802

# Economy Non-Illuminated Plastic Push Buttons Specifications

## A. Mechanical Characteristics

Contact Operation	NO/NC Slow Break
Operating Travel	Changing NC status = 2mm Changing NO status = 2mm Total travel = 3.5mm
Operating Force for 3PSF Series	Changing NC status = 4.22mm Changing NO status = 5.60mm Travel required to change NC status = 0.65mm Travel required to change NO status = 1.65 to 1.98mm Total travel = 3.8mm
Contact Configurations	1NO; 1NO + 1NC; 2NC
Terminal Torque	0.5Nm / 4.5lbs. in.

## B. Mechanical Durability

Push Button, Spring Return	1 Million Operations
Push-Push Type	100,000 Operations
Applicable Standard	UL508; IS13947-5-1; CSA 22.2
Degree of Protection	IP65 (as per IS 13947)
Temperature Range	-25° to +85°C (-13°F to 180°F)

## C. Electrical Characteristics

Rating	<i>For AC:</i> C300= 120V, make current 15A & break current 1.5A (thermal current=2.5A) <i>For DC:</i> R300= 125V, make or break current 0.22A (thermal current=1.0A)
Terminal Capacity for wiring	2 X 1.5mm <sup>2</sup> ; 1 X 0.5mm <sup>2</sup> (min); 1 X 2.5mm <sup>2</sup> (max)
Contact Material	<ul style="list-style-type: none"> <li>• Moving contact = Phosphor Bronze</li> <li>• Fixed Contact = Brass silver plated 2 microns</li> </ul>
Short Circuit Protection	4A fuse
Dielectric Test	2.5KV
Rated insulation Resistance	500M ohm
Rated Thermal Current	2.5A

## Dimensional Drawings

All dimensions shown in millimeters.  
To convert to inches multiply by 0.03937

