

## $\Rightarrow$ Product Type <br> PC Mount Miniature \& Sub-Miniature Pushbutton Switches

## $\Rightarrow$ Product Series

## 3S-Series

$\rightarrow$ Description

The 3S family of sub-miniature pushbutton switches is composed of three switch series:

3S1-Series sub-miniature pushbutton switch

3SS-Series sealed sub-miniature pushbutton switch
3SM-Series surface mount sealed sub-miniature pushbutton switch
These series of PC mount sub-miniature pushbutton switches offer a variety of ratings, circuits, contact materials, terminal platings, and optional color caps.

The 3SS-Series and 3SM-Series are sealed switches that are IP67 certified. All series within the 3S family of switches are able to withstand temperatures from $-30^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$, and all offer PC mounting.

## Certifications

## Number of Poles

## Ratings

Dielectric Strength
Insulation Resistance
Actuator Style
Case Material

## Plunger Material

## Bushing Material

## Housing Material Switch Support

3S1-Series: No agency listings
3SS-Series \& 3SM-Series: IP67
3S1-Series: 1 pole
3SS \& 3SM-Series: 1-2 pole
$1 \mathrm{~A} @ 125 \mathrm{VAC}$ or 28 VDC
0.4VA max @ 20V max (AC/DC)

1500 Volts RMS @ sea level
1000 megohms (minimum)
Round plunger
all UL94 V-0
3S1-Series: Dially phthalate (DAP)
3SS-Series: Glass filled nylon $6 / 6$, flame retardant, heat stabilized
3SM-Series: Glass filled nylon 4/6, flame retardant, heat stabilized
3S1-Series: Thermoplastic polyester, black
3SS-Series: Thermoplastic polyester (UL 94V-0), with internal oring seal 3SM-Series: Nylon 4/6 (UL 94V-0), with internal o-ring seal
3S1-Series: Brass, nickel plated
3SS-Series: Glass filled nylon 6/6,
flame retardant, heat stabilized (UL $94 \mathrm{~V}-0$ )
3SM-Series: Glass filled nylon 4/6, flame retardant, heat stabilized (UL $94 \mathrm{~V}-0$ )
Stainless Steel
Brass, tin plated

Terminal Options
Solder Lug
PCB
PC Mount
Snap-in, U bracket
See PDF elibrary file above for dimensions


3S1-Series
Sub-Miniature
Pushbutton Switch

3SS-Series
Sealed Sub-Miniature Pushbutton Switch

3SM-Series
Sealed Surface
Mount Sub-Miniature Pushbutton Switch


3S1-Series Dimensional Specifications: in. [mm]

| ACTUATOR |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| OP1 |  | $\begin{gathered} 7 \\ {[1976} \\ {[19]} \\ \hline \end{gathered}$ |  | $\begin{gathered} 4 \\ .472 \\ {[1200]} \\ i \end{gathered}$ | PANEL MOUNTING |
| CAP |  |  |  |  |  |
| C1 |  |  | C2 |  |  |

## BUSHING



TERMINATION


3S1-Series Dimensional Specifications: in. [mm]


