## Pushbutton Switches

## 10 amp Vandal Resistant Pushbutton Switches

This rugged panel sealed switch is designed to withstand impacts of significant force. Using Series 16 and 26 Butterfly ${ }^{\circledR}$ snap action switches loads of up to 10.1 amps can be switched. The low profile makes it difficult to pry the switch from its mounting.

## Series 76-95

## Applications

- Military/Aerospace
- Industrial: welding, motors, pumps, controls, valves
- Transportation: mass transit, marine, lift trucks, personal and recreational vehicles, rail
- Security access controls
- Elevators


Actual Size

## Key Features:

- Panel sealed to IP67
- Form Z switch contacts
- Wide temperature range: $-30^{\circ} \mathrm{C}$ to $+105^{\circ} \mathrm{C}\left(-22^{\circ} \mathrm{F}\right.$ to $+221^{\circ} \mathrm{F}$ )
- UL recognized (16-530004 \& 26-810 only) and CSA certified
- Solder Terminals
- Life: 50,000 cycles at full load

Ordering Information:

| Part Number* | Contacts | Circuit |
| :--- | :--- | :--- |
| $76-9510 / 530004$ | Silver | SPDT-DB |
| $76-9510 / 810$ | Enhanced Gold | DPDT-DB |
| * Switches are individually packaged with one each: actuator <br> assembly, basic switch, sealing washer, and hex nut per bag. |  |  |

Standards / Agency / Ratings:



## 76-9510/530004



76-9510/810


FORM ZZ

Current rating, 26-810:

|  | Sea Level |  |  |  | 70,000 Ft. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Load | 28 VDC <br> DPDT | 28 VDC 4 CKT | 115 VAC 60 HZ DPDT | 115 VAC 60 HZ <br> 4 CKT | 28 VDC DPDT | 28 VDC <br> 4 CKT |
| Resistive | 8 amp | 8 amp | 6 amp | 4 amp | 8 amp | 8 amp |
| Inductive | 6 amp | 4 amp | 4 amp | 4 amp | 2 amp | 1 amp |
| Lamp | 0.5 amp | 0.5 amp | 2 amp | 1 amp | - | - |

Mechanical / Electrical Characteristics:

## Mechanical Life:

1,000,000 cycles
Operating force:
2.6N / 265 grams

## Panel thickness:

0.06 - 0.31 inches / $1.5-8 \mathrm{~mm}$

## Panel cut out:

0.758 inch Diameter / 19.25 mm

Dielectric strength:
1,000 VAC for 1 minute
Insulation resistance:
1 G $\Omega$ @ 500VDC
Contact resistance initial:
$25 \mathrm{~m} \Omega$ max
Current rating, 16-530004:
Form X or Y: 10 amps 125 VAC; 10 amps 28 VDC Ind.
Form Z: 5 amps 125/250 VAC; 3 amps 28 VDC Ind.
Current rating, 26-810: see chart on left

## Electrical:

Life: 50,000 cycles (max load) @ $158^{\circ} \mathrm{F}\left(70^{\circ} \mathrm{C}\right)$
Button and bezel material: stainless steel
Contact material:
16-530004: silver

## Contact material:

26-810: enhanced gold

## ITw Switches

Sensors, Switches, Electronic Controls

