**Features/Benefits**
- Momentary or locking action
- Different actuation forces for customized feel
- Low cost, reliable contact design
- Single and double pole options
- RoHS compliant

**Typical Applications**
- Computers and peripherals
- Instrumentation and measurement equipment
- Non-power, on-off switch applications

**Specifications**

- **CONTACT RATING:** 0.2 AMP @ 30 V DC max.
- **ELECTRICAL LIFE:** 10,000 make-and-break cycles at full load.
- **MECHANICAL LIFE:** 10,000 on/off cycles.
- **CONTACT RESISTANCE:** 30 mΩ max. initial
- **INSULATION RESISTANCE:** 100 MΩ min.
- **DIELECTRIC STRENGTH:** 500 V AC min.
- **OPERATING/STORAGE TEMPERATURES:** –10ºC to 60ºC.
- **PACKAGING:** Switches are supplied in anti-static trays.

**Materials**

- **FRAME:** Tin plated steel.
- **ACTUATOR:** PA 66 black.
- **BASE:** Phenolic resin.
- **TERMINALS:** Silver plated brass.
- **MOVABLE CONTACTS:** Silver plated phosphor bronze.
- **RETURN SPRING:** SWC
- **DETENT SPRING:** Phosphor bronze.
- **DETENT SPRING PLATE:** Phosphor bronze.
- **RETURN SPRING RETAINER RING:** Nickel plated steel.
- **TERMINAL SEAL:** Epoxy.

**Build-A-Switch**

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.

**Function**

- **PN**

**Actuator**

- **S** 2.8 mm square tip
- **L** 3.3 mm x 3.2 mm tip

**Actuation Force**

- **A** 50 g Typ
- **B** 100 g Typ
- **D** 180 g Typ
- **E** 250 g Typ
- **F** 100 g Typ
- **H** 250 g Typ
- **J** 350 g Typ

- **Shorting/Non-Shorting**
  - **NA** Non-shorting
  - **SA** Shorting

* Note - The switch body style dimensions differ for each of these 3 groupings

**S** actuator available for PN 11 & PN 12 options

**S** actuator available for PN 21 & PN 22 options

**L** actuator available for PN 21 & PN 22 options

**Actuation Force** “A” only available with PN11 with “S” actuator


PN 12 & PN 22 available with Actuation Force “D”, “E”, “H”, “J”

Full travel
PN Series
Alternate & Momentary Action Pushbutton Switches

PN 11  SPDT Mom.
PN 12  SPDT Locking

PN 21  DPDT Mom. with “S” Actuator
PN 22  DPDT Locking with “S” Actuator

Dimensions are shown: mm
Specifications and dimensions subject to change

www.ckswitches.com
Alternate & Momentary Action Pushbutton Switches

PN 21
DPDT Momentary with “L” Actuator

PN 22
DPDT Locking with “L” Actuator

Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change
www.ckswitches.com

Pushbutton

Third Angle Projection

G001, G002, G003 and G004 buttons fit “S” actuators

Option Code | Color
--- | ---
RD | Red
GY | Gray
BK | Black
WH | White

Buttons must be ordered separately. Shipped in bulk.

Indexed

G001A | Black
G001G | Gray
G001I | Ivory
G001R | Red

Rectangular

G002A | Black
G002G | Gray
G002I | Ivory
G002R | Red

Round

G003A | Black
G003G | Gray
G003I | Ivory
G003R | Red

Square

G004A | Black
G004G | Gray
G004I | Ivory
G004R | Red

G001, G002, G003 and G004 buttons fit “L” actuators