## GENERAL SPECIFICATIONS

### Electrical Capacity

**Resistive Load:** 15A & ½HP @ 125 or 250V AC for high capacity models
**Lamp Load:** 5A @ 125V AC

### Other Ratings

**Contact Resistance:** 15 milliohms maximum
**Insulation Resistance:** 100 megohms minimum @ 500V DC
**Dielectric Strength:** 1,000V AC minimum between contacts for 1 minute minimum;
1,500V AC minimum between contacts & case for 1 minute minimum
**Mechanical Life:** 1,000,000 operations minimum
**Electrical Life:** 50,000 operations minimum
**Travel:** Pretravel .047" (1.19mm); Overtravel .040" (1.01mm); Differential .011" (0.27mm)
**Operating Temp Range:** –40°C through +85°C (–40°F through +185°F)

### Materials & Finishes

**Caps & Shrouds:** Polycarbonate with glossy finish or PBT
**Plunger:** Polyacetal or brass with nickel plating
**Bushing:** Steel with zinc plating or glass fiber reinforced polyamide
**Case:** Polyester
**Movable & Stationary Contacts:** Silver alloy
**Terminals:** Brass with silver plating

### Standards & Certifications

**UL Recognized:** Internal snap switch is UL recognized.
**CSA Certified:** Internal snap switch is CSA certified.

## TYPICAL SWITCH ORDERING EXAMPLE

SCB | 2 | 5 | P | 15 | A | – | 4 | CA

**POLES**

| | |
|---|---|
| 1 | SPDT |
| 2 | DPDT |

**CIRCUITS**

| | | |
|---|---|---|
| 5 | ON | (ON) |
| 6 | ON | ON |

( ) = Momentary

**BUSHINGS**

| | |
|---|---|
| P | Plastic (with momentary only) |
| S | Steel |

**RATING**

| | |
|---|---|
| 15 | 15A |

**TERMINALS**

| | |
|---|---|
| A | .187" (4.75mm) Quick Connect |
| B | .250" (6.35mm) Quick Connect |

Note: Contact factory for availability of screw lug and solder lug models.

**CAPS & SHROUDS**

**For Momentary**

| | |
|---|---|
| 1 | .315" (8.0mm) Diameter Cap |
| 2 | .394" (10.0mm) Diameter Cap |
| 3 | .520" (13.2mm) Diameter Cap |

**For Momentary & Alternate Action**

| | |
|---|---|
| 4 | Round Cap and Shroud |
| 5 | Rectangular Cap and Shroud |

**DESCRIPTION FOR TYPICAL ORDERING EXAMPLE**

**SCB25P15A-4CA**




**COLORS**

| Caps | | Shrouds |
|---|---|---|
| A | Black | A |
| B | White | B |
| C | Red | – |
| F | Green | – |
| G | Blue | – |
| H | Gray | H |

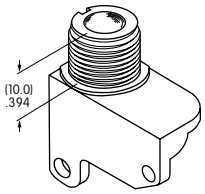
Note: Standard hardware provided with caps. See Bushing detail for more information.

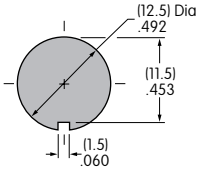
## POLES & CIRCUITS

| | | Plunger Position ( ) = Momentary | | Connected Terminals | | Throw & Schematics |
|---|---|---|---|---|---|---|
| | | Normal | Down | Normal | Down | |
| Pole | Model |   |  |   |  | Note: Terminal numbers are actually on the switch. |
| SP | SCB15<br>SCB16 | ON<br>ON | (ON)<br>ON | 1-2 | 1-3 | SPDT   |
| DP | SCB25<br>SCB26 | ON<br>ON | (ON)<br>ON | 1-2 1-2 | 1-3 1-3 | SP with 2 switches   |

## BUSHINGS

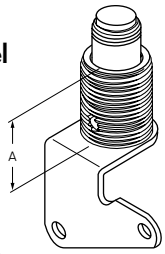
**P** **Plastic**
(for Momentary only)



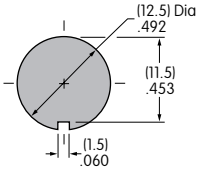




Max. Effective Panel Thickness:
.165" (4.2mm) without Shroud
.157" (4.0mm) with Shroud

**S** **Steel**




"A" =
11.2mm
Momentary
15.5mm
Alternate Action



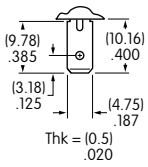

Max. Effective Panel Thickness:
Momentary: .177" (4.5mm) without Shroud
.157" (4.0mm) with Shroud
Alternate Action: .354" (9.0mm)

**Standard Hardware Provided with Caps**

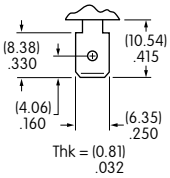
Cap Options 1, 2, & 3: AT504M Knurled Face Nut, AT508 Lockwasher, AT527M Hex Mounting Nut
Cap Options 4 & 5: AT508 Lockwasher & AT527M Hex Mounting Nut

## TERMINALS

**A** **.187" (4.75mm) Quick Connect**




**B** **.250" (6.35mm) Quick Connect**

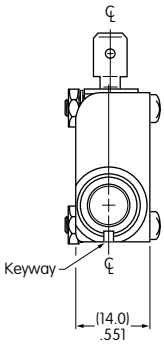


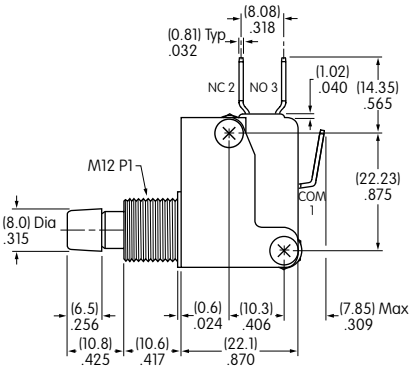

## TYPICAL SWITCH DIMENSION

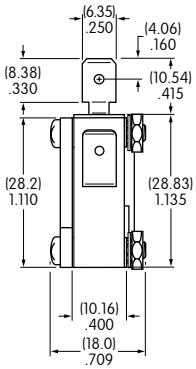
**.315" (8.0mm) Dia. Cap • .250" (6.35mm) Quick Connect**



SCB15P15B-1C



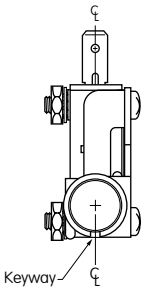



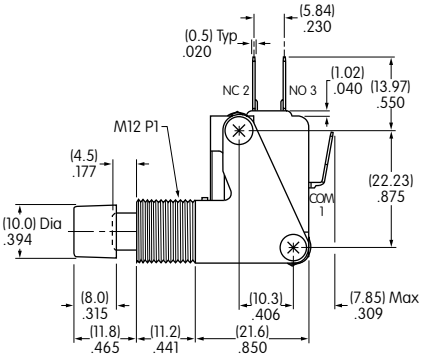
## TYPICAL SWITCH DIMENSIONS

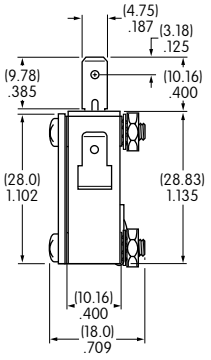
### .394" (10.0mm) Dia. Cap • .187" (4.75mm) Quick Connect



SCB15S15A-2A



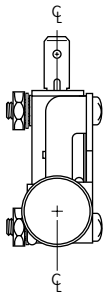



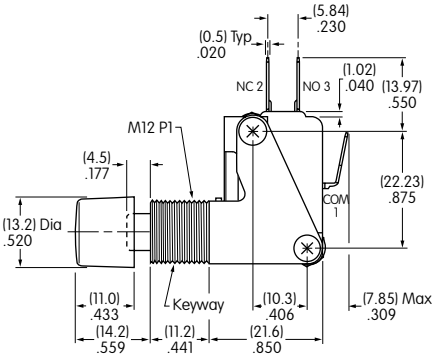



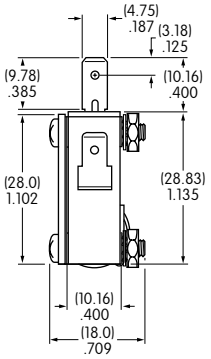

### .520" (13.2mm) Dia. Cap • .187" (4.75mm) Quick Connect



SCB15S15A-3C



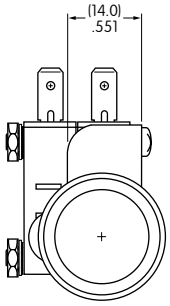


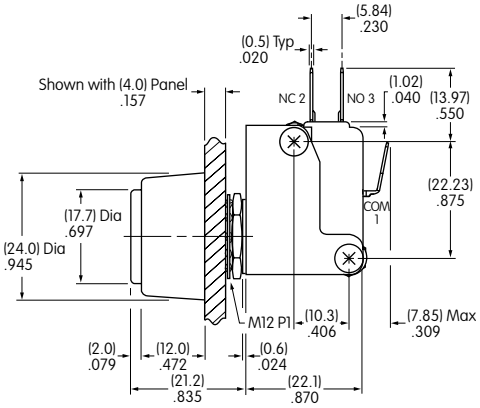



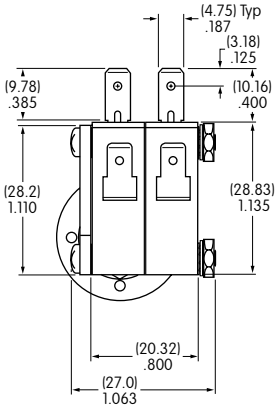

### Round Cap & Shroud • .187" (4.75mm) Quick Connect



SCB25P15A-4CA




### Rectangular Cap & Shroud • .250" (6.35mm) Quick Connect



SCB26S15B-5CA

