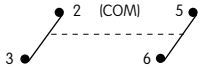
## DOUBLE POLE WITH SCREW LUG & FLATTED LEVER

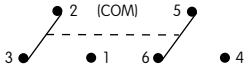
| * UL, cULus & CSA recognized only when ordered with marking on switch (see General Specs) | | | Toggle Position/Connected Terminals | | | | | Electrical Capacity | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Approvals | | Down | | Center | Up | | Resistive | | | | | Inductive L/R = 3ms | | | |
| Model | | Pole & Throw | Keyway | | | | | DC 30V | DC 48V | DC 125V | DC 250V | DC 400V | DC 24V | DC 48V | DC 125V | DC 250V |
| S821D | ✓ ✓ ✓ | DPST | ON | 2-3 5-6 | NONE | OFF | — | 30A | 30A | 20A | 15A | 4A (10A) | 15A | 10A | 6A | 3A |
| S822D | ✓ ✓ ✓ | DPDT | ON | 2-3 5-6 | NONE | ON | 2-1 5-4 | 30A | 30A | 20A | 15A | 4A | 15A | 10A | 6A | 3A |
| S823D | ✓ ✓ ✓ | DPDT | ON | 2-3 5-6 | OFF | ON | 2-1 5-4 | 30A | 30A | 15A | 7.5A | — | 15A | 10A | 6A | 3A |

**( ) capacity is due to wiring. Refer to instructions below.**

**Throw & Schematics:** DPST

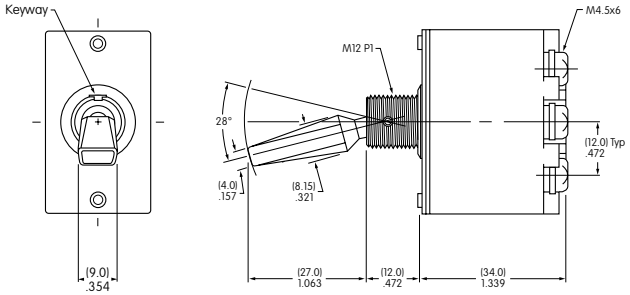



DPDT

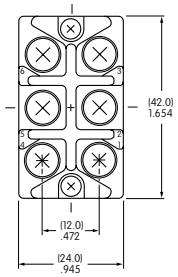



Note: Terminal numbers are on the switch

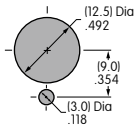
**Notes:** Standard Hardware: AT503M Face Hex Nut, AT506M Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.




**Double Pole**




S821D does not have terminals 1 & 4




Maximum Panel Thickness: .177" (4.5mm)

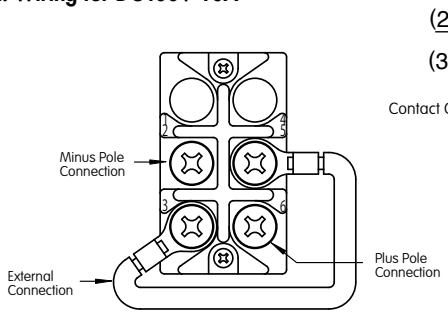

S822D

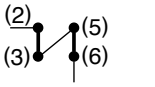
## 400V DC WIRING INSTRUCTIONS

**1. DC switch use**

- Middle terminal shall be the minus pole when using DC circuit. Switch case is marked with (+) and (-).
- Do not store near (5cm) highly magnetic items.
- If actuation is interrupted when switching from ON to OFF, arcing may continue and switch could be burned.

**2. Wiring for DC400V 10A**

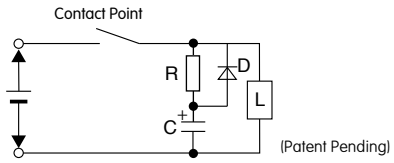



Contact Connection Position

**3. Inductive load**

Inductive loads produce an arc caused by counter-electromotive force when opening the circuit. Recommend inserting spark elimination circuit. Contact factory for details.




**4. Compressed terminal connection**

When connecting screw terminal with compressed terminal, select compressed terminal using drawing below.