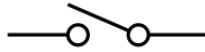


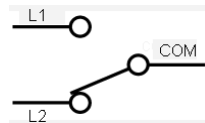
Switch Arrangements

The term *pole* refers to a set of contacts that belong to a single circuit; while *throw* refers to the number of positions that the switch can adopt to carry current.

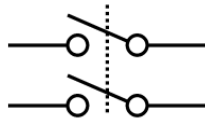
1. Single pole, single throw:



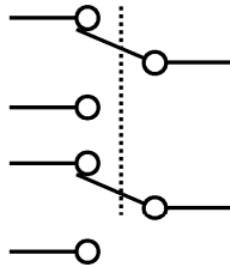
2. Single pole, double throw:



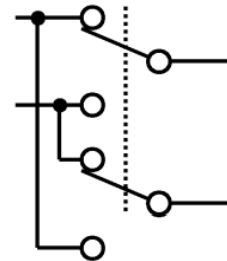
3. Double pole, single throw:



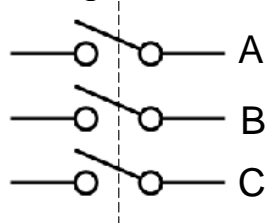
4. Double pole, double throw:



When wired for reversing the supply connections, it looks like:

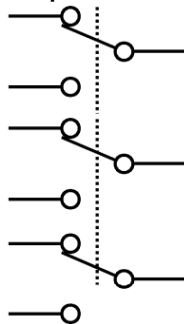


5. Triple pole, single throw:



Commonly used for switching three-phase loads on and off

6. Triple pole, double throw:



When wired for reversing the phase sequence of a three-phase supply, it looks like:

