



Moniteur selects the industry's best mechanical switches to handle a wide variety of applications, meeting the tough demands of today's process industries. A full range of mechanical snap-acting switches is available, including:

- * Cherry 15A 125-250 VAC SPDT
- * ITW 10A 125-250 VAC DPDT
- * Prism 1A Gold plated SPDT
- * Mechanical switches rated to 20 and 25 Amps

Applications:

- * **Mechanical SPDT** switches are the most common switch used due to their low cost and proven reliability for general purpose applications. In addition to transmitting valve position, the switch's high amp rating can control a relay, or other plant devices such as pumps or motors. Moniteur specifies stiffer contact springs that resist dirt and freeze-up in cold conditions.
- * **Mechanical DPDT** are used for simultaneous switching functions when two independent signals must operate in tandem. An example is when one switch sends a low level signal back to the control room, and a second functions controls a relay or another device. **Warning:** Moniteur DOES NOT recommend that two SPDT switches be used in lieu of one DPDT for any application.
- * **Gold plated Mechanical** switches are used in low current, low voltage (primarily DC) applications. Gold plated switch contacts assure signal stability at extremely low current and voltages, and are often used as a low cost alternative in Intrinsically Safe systems.
- * **Mechanical switches with higher ratings** available for Moniteur VPTs allow the controlling of motors, pumps and relays that require more current than the standard 15A switches allow.

Moniteur recommends that users check the current requirements of their devices to ensure the switches will not be used beyond their nameplate ratings.

Specifications - Mechanical Switches

Switch Type	AC Rating (resistive)	DC Rating	Form
SPDT (Cherry)	15A - 250V	2.5A - 24V	C
Gold Plated SPDT (Prism)	1A - 120V	1A - 24V	C
10A DPDT (ITW)	10A - 250V	7A - 24V	CC
20A SPDT	20A - 250V	2A - 24V	C
25A SPDT	25A - 250V	2A - 24V	C