

# Basic Switches

## Standard

### ELECTRICAL DATA AND UL CODES STANDARD BASIC SWITCHES

Most of the switches in this section are UL recognized and CSA certified. The current and voltage values shown are based on test conditions specified by these agencies. Electrical life of the switch is influenced by each application condition as well as by voltage and current. For application assistance contact the 800 number.

Circuitry	Electrical Data and UL Codes
Single-pole double-throw unless otherwise noted in order guide	<b>A</b> 15 amps, 125, 250 or 480 vac; 1/8 hp, 125 vac; 1/4 hp, 250 vac; 1/2 amp, 125 vdc; 1/4 amp, 250 vdc. UL Code L96
Single-pole double-throw unless otherwise noted in order guide	<b>B</b> 5 amps, 125, 250 or 480 vac; 1/2 amp, 125 vdc; 1/4 amp, 250 vdc. UL Code L35
Single-pole double-throw unless otherwise noted in order guide	<b>C</b> 10 amps, 125, 250 or 480 vac; UL Code L8
Single-pole double-throw unless otherwise noted in order guide	<b>D</b> 15 amps, 125, 250 or 480 vac; 1/8 hp, 125 vac; 1/4 hp, 250 vac. UL Code L103
Single-pole double-throw unless otherwise noted in order guide	<b>E</b> 15 amps, 125, 250 or 480 vac; 1/4 hp, 125 vac, 1/2 hp, 250 vac; 1/2 amp, 125 vdc; 1/4 amp, 250 vdc. UL Code L67
Single-pole double-throw unless otherwise noted in order guide	<b>F</b> 22 amps, 125, 250 or 480 vac; 1/2 hp, 125 vac, 1 hp, 250 vac. UL Code L161
Single-pole double-throw unless otherwise noted in order guide	<b>G</b> 20 amps, 125, 250 or 480 vac; 10 amps, 125 vac "L" (tungsten lamp load); 1 hp, 125 vac; 2 hp, 250 vac; 1/2 amp, 125 vdc; 1/4 amp, 250 vdc. UL Code L23
Single-pole double-throw unless otherwise noted in order guide	<b>H</b> Motor Control 25 amps, 125, 250 or 480 vac; 1 hp, 125 vac; 2 hp, 250 vac; Pilot Duty—750 VA, 125, 250, or 277 vac.
Single-pole double-throw unless otherwise noted in order guide	<b>I</b> 10 amps, 125, 250 or 480 vac; 1/8 hp, 125 vac; 1/4 hp, 250 vac; UL Code L95

Circuitry	Electrical Data and UL Codes
Double-pole double-throw	<b>J</b> 10 amps, 125 or 250 vac; 0.3 amp, 125 vdc; 0.15 amp, 250 vdc. UL Code L59
Single-pole double-throw unless otherwise noted in order guide	<b>K</b> Rating established with switch non-polarized 10 amps, 125 vac or vdc; 1/4 hp, 125 vac or vdc. UL Code L 168  Non-polarized: 10 amps res. or 1/4 hp, 125 vdc; 3 amps max. res. 250 vdc. Polarized*: 10 amps res. or 1/2 hp, 125 vdc; 3 amps max. res., 250 vdc.
Two-circuit double-break	<b>M</b> 25 amps, 125, 250 or 480 vac; 3/4 hp, 125 vac; 1 1/4 hp, 250 vac. 1 amp, 125 vdc; 1/2 amp, 250 vdc. UL Code L58
Single-pole double-throw	<b>P</b> 1 amp, 125 VAC UL Code L22
Single-pole double-throw	<b>R</b> 10 amps, 125 or 250 vac; 1/3 hp, 125 vac; 3/4 hp, 250 vac; 1/2 amp, 125 vdc; 1/4 amp, 250 vdc. UL Code L115
Single-pole double-throw	<b>S</b> 10 amps, 125 or 250 vac; 1/3 hp, 125 or 250 vac. UL Code L93
Two-circuit double-break	<b>T</b> 15 amps, 125, 250 or 480 vac; 1 amp, 125 vdc; 1/2 amp, 250 vdc; 1/4 hp, 125 vac; 1/2 hp, 250 vac UL Code L73
Single-pole double-throw	<b>U</b> 5 amps, 250 vac. UL Code L4
Two-circuit double-break	<b>V</b> Motor Control 15 amps, 120, 240, 480 or 600 vac; 1/2 hp, 120 vac; 1 hp, 240 vac; 0.8 amp, 115 vdc; 0.4 amp, 230 vdc.
Single-pole single-throw (N.C.)	<b>W</b> 20 amps, 125, 250 or 277 vac; 3/4 hp, 125 vac; 1/2 hp, 250 vac UL Code L178B
Single-pole double-throw	<b>X</b> 15 amps, 125, 250 or 480 vac; 2 amps, 600 vac; 1/8 hp, 125 vac; 1/4 hp, 250 vac; 1/2 amp, 125 vdc; 1/4 amp, 250 vdc. UL Code L74
Single-pole double-throw	<b>Y</b> 20 amps, 125, 250 or 480 vac; 3/4 hp, 125 vac; 1 1/2 hp, 250 vac; UL Code L17

\*To polarize, connect negative side of line to common terminal. To achieve the same effect, mount switch with brass screws, using a non-magnetic barrier (at least 1/4" thick) between the switch and mounting surface.