

Distinctive Characteristics

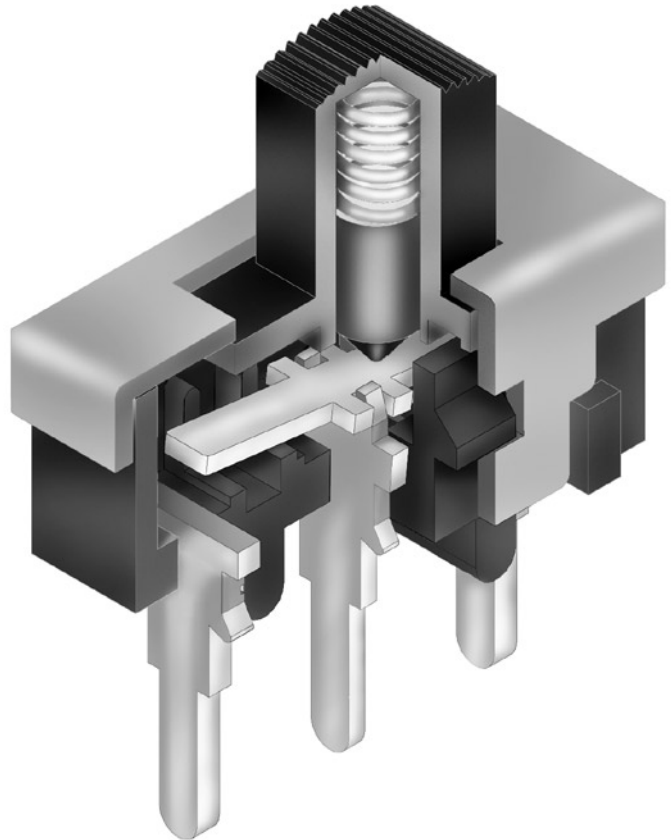
High performance and high quality at a low price.

Molded cover and case of high insulating material withstand 12 kilovolts of electrostatic discharge (ESD), providing antistatic feature.

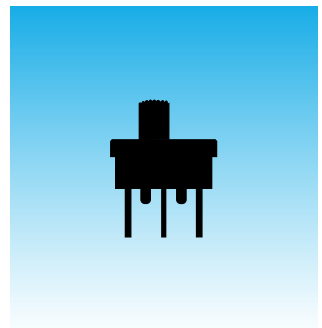
Cover and case UL 94V-0 flammability rated.

Epoxy sealed terminals to lock out flux, dust, and other contaminants.

Suited for a wide variety of applications including telecommunications, electronic controls, audio devices, and household appliances.



Actual Size



General Specifications

Electrical Capacity (Resistive Load)

Power Level: 3A @ 125V AC or 2A @ 250V AC

Other Ratings

Contact Resistance:	10 milliohms maximum
Insulation Resistance:	1,000 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:	50,000 operations minimum
Electrical Life:	20,000 operations minimum
Static Capability:	Withstands 12 kilovolts ESD
Contact Timing:	Nonshorting (break-before-make)
Total Travel:	.087" (2.2mm)

Materials & Finishes

Actuator:	Glass fiber reinforced polyamide
Cover & Case:	Glass fiber reinforced polyamide (UL94V-0)
Movable Contacts:	Copper with silver plating
Stationary Contacts:	Silver capped copper with silver plating
Terminals:	Copper with silver plating

Environmental Data

Operating Temp Range:	-30°C through +85°C (-22°F through +185°F)
Humidity:	90 ~ 95% humidity for 240 hours @ 40°C (104°F)
Vibration:	10 ~ 55Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range & returning in 1 minute; 3 right angled directions for 2 hours
Shock:	50G (490m/s ²) acceleration (tested in 6 right angled directions, with 5 shocks in each direction)

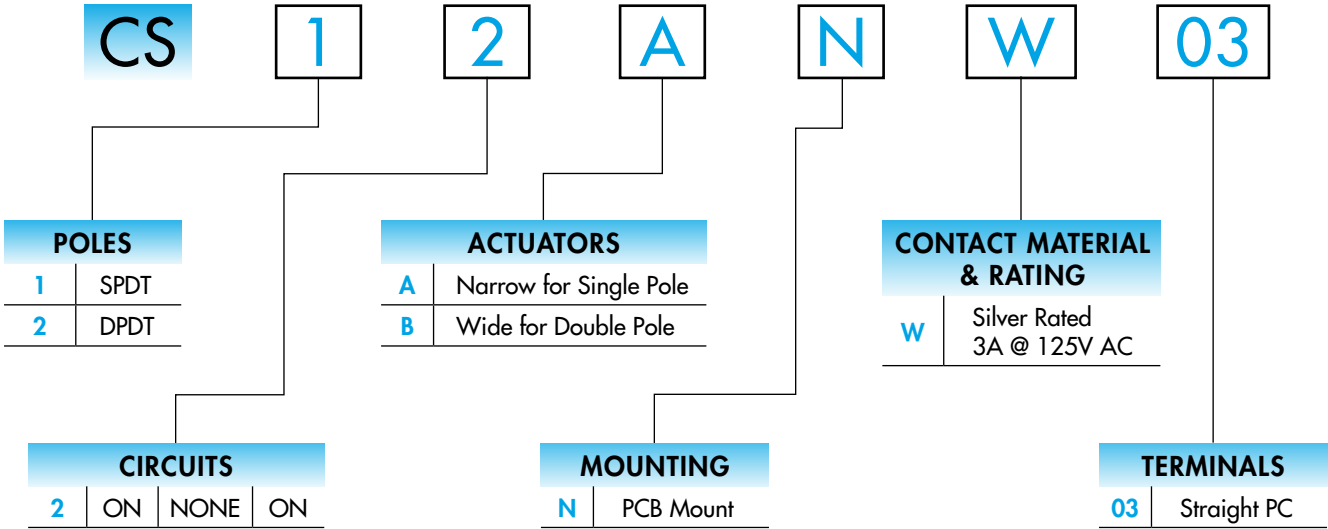
Installation

Soldering Time & Temp:	Wave Soldering: See Profile A in Supplement section. Manual Soldering: See Profile B in Supplement section.
Cleaning:	These devices are not process sealed. Hand clean locally using alcohol based solution.

Standards & Certifications

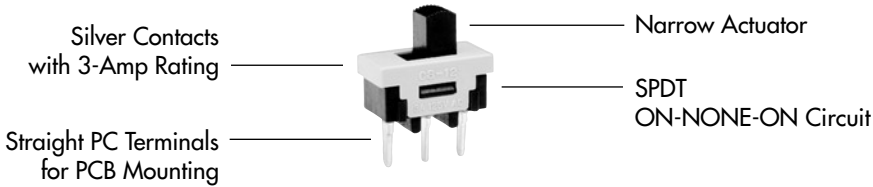
Flammability Standard:	UL94V-0 cover & case
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TYPICAL SWITCH ORDERING EXAMPLE



DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

CS12ANW03

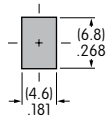


POLES & CIRCUITS

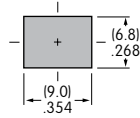
		Slide Position			Connected Terminals			Throw & Schematics
Pole	Model	Left	Center	Right	Left	Center	Right	Note: Terminal numbers are not actually on switch.
SP	CS12	ON	NONE	ON	2-1	OPEN	2-3	SPDT
DP	CS22	ON	NONE	ON	2-1 5-4	OPEN	2-3 5-6	DPDT

MOUNTING

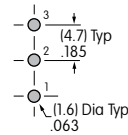
Panel Cutouts



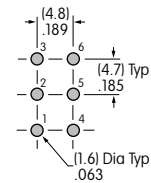
Single Pole



Double Pole



Single Pole



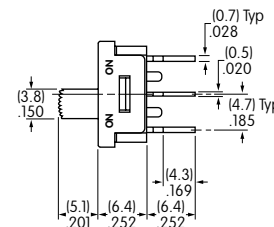
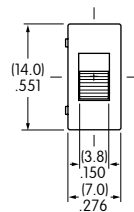
Double Pole

TYPICAL SWITCH DIMENSIONS

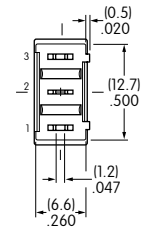
Single Pole



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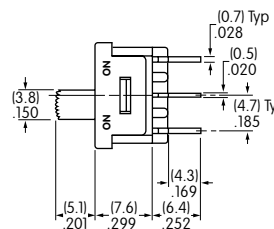
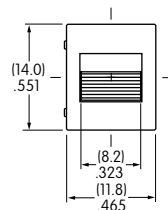
Actuator shown in LEFT position



Double Pole



CS22BNW03



Actuator shown in LEFT position

