CW INDUSTRIES
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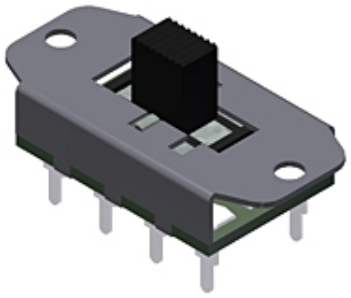
Item # G-335S-0001, G - Series Double Pole/Three Position (Spring Return One End to Center, Detent to Other End to Center) Standard Slide Switch



· SPECIFICATIONS · MATERIALS · PERFORMANCE STANDARDS · CARE IN SWITCH INSTALLATION

SPECIFICATIONS

Circuitry	DP3P
Switch Function	(ON)-ON-ON
Electrical Ratings	0.5 A @ 125 VDC 3 A @ 125 VAC
Actuator Style &Color	Flat Knurled - Black
Actuator Legend	None
Actuator Height	0.344 in.
Actuator Options	Standard Actuator Options
Topper Options	Standard Actuator Topper Options
Detent	Short
Mounting	Mounting Ears
Mounting Options	Mounting Options
Orientation	Top
Terminal	PC

Terminal Options	Slide Switch Terminal Options
Solder Shield	Vulcanized Fiber Shield 0.020" thick that fits over the switch terminals is also available
Listing Agency (Consult drawing or factory for specific rating) [1]	Listed Agencies
Compliance	.

1 Due to ongoing advancements, additional agency certifications may be available, contact us for more information.

MATERIALS

Button Material	Nylon 6/6
Housing	Cold Rolled Steel
Housing Plating	Panel: Zinc, PC Board: Electro-tin
Moving Contact	Copper Alloy
Moving Contact Plating	Silver is standard. Gold (30 microinches of gold over 50 microinches of nickel) is available. Other gold thicknesses are available if your quantities are sufficient.
Moving Contact Spring	Beryllium Copper Phosphor Bronze
Terminals	Copper Alloy
Terminal Plating	Silver is standard. Gold (30 microinches over 50 microinches of nickel) on many popular types is available.
Terminal Board	NEMA Grade XP Phenolic Laminate
Note	Other materials to suit your application are available if volume is sufficient. Contact us for more information.

PERFORMANCE STANDARDS

CW switches are designed to perform to the standards listed when operated within ambient conditions detailed below:
Operating Temperature - 104ºC maximum, -10ºC minimum.
Relative Humidity - Switches will be operable and insulation resistance shall be greater than 100 megohms if allowed to dry for 100 hours at room temperature of 25ºC and after exposure for one hour in an atmosphere having 95% relative humidity and a temperature of 50ºC
High Voltage Breakdown - Minimum of 1000 volts RMS 60 Hz for one minute between parts of opposite polarity.
Contact Resistance - Less than 0.01 ohm at 20 milliamperes DC.
Life Cycling (No Load) - Switches will be operative after 10,000 (minimum) cycles at the rate of 10 cycles per minute.
Life Cycling (Load) - Switches will be operative after 6000 (minimum) cycles at the rate of 10 cycles per minute at rated load

CARE IN SWITCH INSTALLATION

CW switches will perform properly if they are installed and used properly. Causes for failure often encountered in the field that are the responsibility of the user are:

- Removal of factory applied lubricants from switch contacts and moving parts.
- Introduction of foreign material into switching mechanism...flux, solder cleaning materials, potting compounds.
- Restriction of movement of switch button.
- Excessive heat often introduced while soldering.
- Switching loads in excess of rating.

Manufacturing Engineers are cautioned to avoid misusing switches and resultant switch failures.