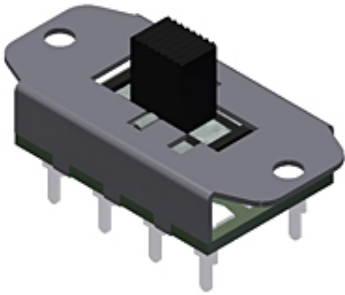


Item # G-335S-0001, G - Series Double Pole/Three Position (Spring Return One End to Center, Detent to Other End to Center) Standard Slide Switch



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SPECIFICATIONS

|                       |                                  |
|-----------------------|----------------------------------|
| Circuitry             | DP3P                             |
| Switch Function       | (ON)-ON-ON                       |
| Electrical Ratings    | 0.5 A @ 125 VDC<br>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<br>(Consult drawing or factory for specific rating) <sup>1</sup> | <br>Listed Agencies |
| Compliance                                                                      |                    |

<sup>1</sup> 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<br>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** - 104°C maximum, -10°C 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 25°C and after exposure for one hour in an atmosphere having 95% relative humidity and a temperature of 50°C

**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.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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