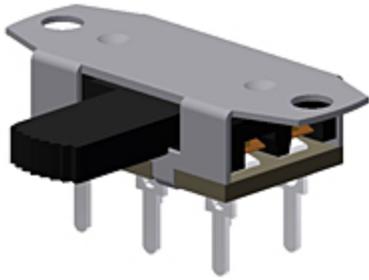


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Item # GG-350-3010, GG - Series Double Pole/Double Throw (with Detent) Standard Slide Switch

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Check Distributor Stock

Check Distributor Stock	DIGI-KEY MOUSER
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Specifications

Circuitry	DPDT
Switch Function	ON-ON
Electrical Ratings	0.5 A @ 125 VDC 3 A @ 125 VAC
Acuator Style & Color	Radius Knurled - Black
Actuator Height	0.515 in.
Mounting	Mounting Ears
Mounting Options	Mounting Options
Terminal	PC - with Solder hole
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.

Available Options

See Downloads on this page for available Actuator style and height options and Terminal types.

Materials

Button Material	Nylon 6/6
Housing	Cold Rolled Steel
Housing Plating	4-point PC board mount switches-electro-tin; others - zinc followed by clear chromate. Panel: Zinc, PC Board: Electro-tin

Moving Contact	Copper Alloy
Moving Contact Plating	Silver is standard. Gold plating is an option, consult factory.
Moving Contact Spring	Beryllium Copper Phosphor Bronze
Terminals	Copper Alloy
Terminal Plating	Silver is standard. Gold plating is an option, consult factory.
Terminal Board	NEMA Grade XP Phenolic Laminate

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:

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

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