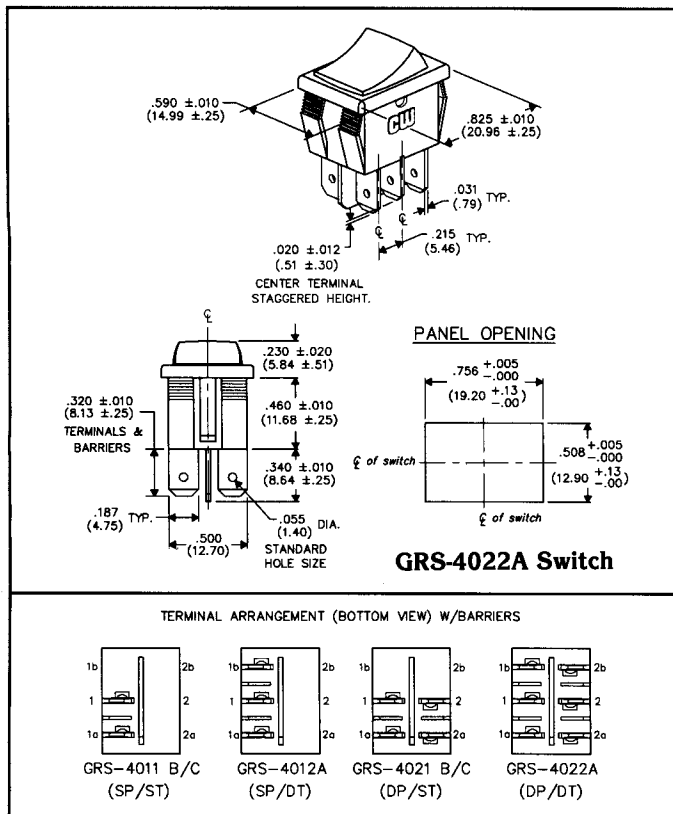


4000 Series: Momentary Mini-Rocker Switches

For the user with a spring return application, CW offers the Momentary Mini-Rocker Switches. Available circuitries include SPST, SPDT, DPST, and DPDT. For additional design flexibility the single throw versions are available in normally open or normally closed versions. Materials used, mounting, termination, insulation barrier options and performance standards are the same as described for CW 4000 Series Mini-Rockers featured on pages 2 and 3.



FEATURES

- Active switch elements enclosed and protected.
- Easy to terminate with solderless connectors or by hand soldering.
- Insulating barriers between terminals of opposite polarity. Insulating barriers between terminals on same pole are optional.
- Self cleaning contacts.
- Small switch—high current switching.
- Heavy duty return spring provides for consistent operating force.
- Color options.
- Brass plunger withstands high temperature.
- Single throw versions available in normally open or normally closed construction.

GRS-4022A Switch

HOW TO ORDER

Step 1: Select part number for your circuit needs and maximum current requirements.

Step 2: Standard switch is all black. Specify optional knob or housing colors and any special markings required.

Step 3: Standard terminal is solderless, .187" (4.75 mm) x .032" (.81 mm), and needs no further identification. Specify optional terminals: G-20-173, .110" (2.79 mm) x .032" (.81 mm) solderless; G-20-180, .187" (4.75 mm) x .020" (.51 mm) solderless; G-20-179, .110" (2.79 mm) with .048" (1.22 mm) x .237" (6.02 mm) slot for hand wiring.

Step 4: Insulating barrier between rows of terminals on adjacent poles is standard. Specify "with barriers" for barriers between terminals of the same pole.

TYPES AVAILABLE

TYPE	CIRCUIT	ELECTRICAL RATING†	LISTING AGENCY††
GRS-4011B-8, -13, -16	SPST(Normally Open)	-8: 8 A @ 125 VAC / 4A @ 250 VAC 3 A @ 277 VAC	UL/CSA
GRS-4011C-8, -13, -16	SPST(Normally Closed)		
GRS-4012A-8, -13, 16	SPDT	-13: 13 A @ 125 VAC / 10 A @250 VAC 1/2 HP @ 125 - 250 VAC 5 A @ 14V (T)	UL/CSA
GRS-4021B-8, -13, -16	DPST (Normally Open)		
GRS-4021C-8, -13, -16	DPST (Normally Closed)	-16: 16 A @ 125 - 250 VAC 3/4 HP @ 125 - 250 VAC 10 A @ 14 V (T)	UL/CSA
GRS-4022A-8, -13, -16	DPDT	3 A @ 125 V (L)	

* Switches marked μ are acceptable for use as power switches provided there is a plug disconnect or a switch with open contact gaps of 3 mm minimum.

†All ratings are on a load per pole, opposite polarity basis. Additional ratings may be available, consult factory.

††Due to ongoing advancements, additional agency certifications may be available, consult factory.