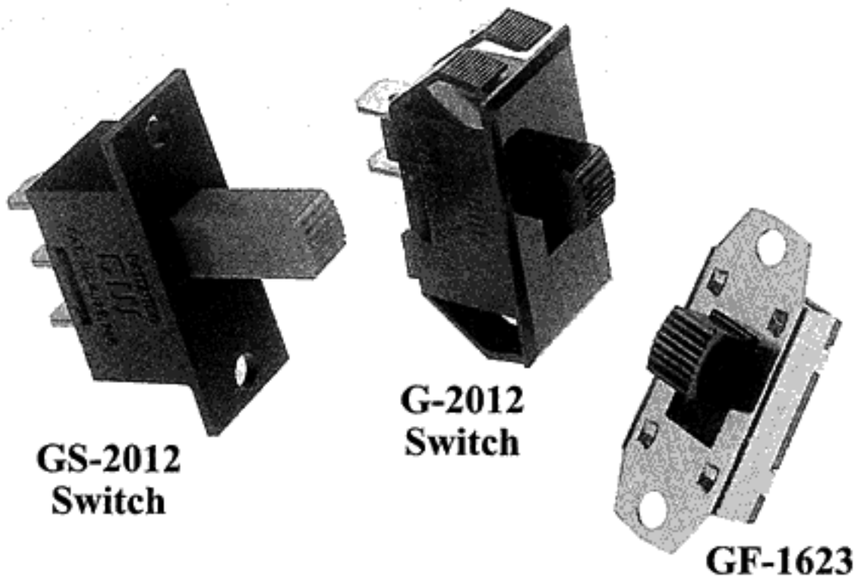
Power Slide Switches

CW's heavy-duty Power Slide Switches open up higher current devices to the use of the popular slide switch platform. Options include: SPST or SPDT circuitry, traditional metal or fully-enclosed plastic construction, and snap-in or chassis mount styles. These compact switches are easy to install, easy to use, and with a rating up to 16 Amps are an ideal alternative to expensive high current industrial switches.



GS-2012 Switch

G-2012 Switch

GF-1623 Switch

GF-1623
Power Slide Switch

OPERATING STANDARDS

Endurance: 100,000 cycles, no load, minimum
6,000 cycles at rated load, minimum
Temperature: 104˚C maximum
High Voltage: 1,000 V, 60 Hz for one minute

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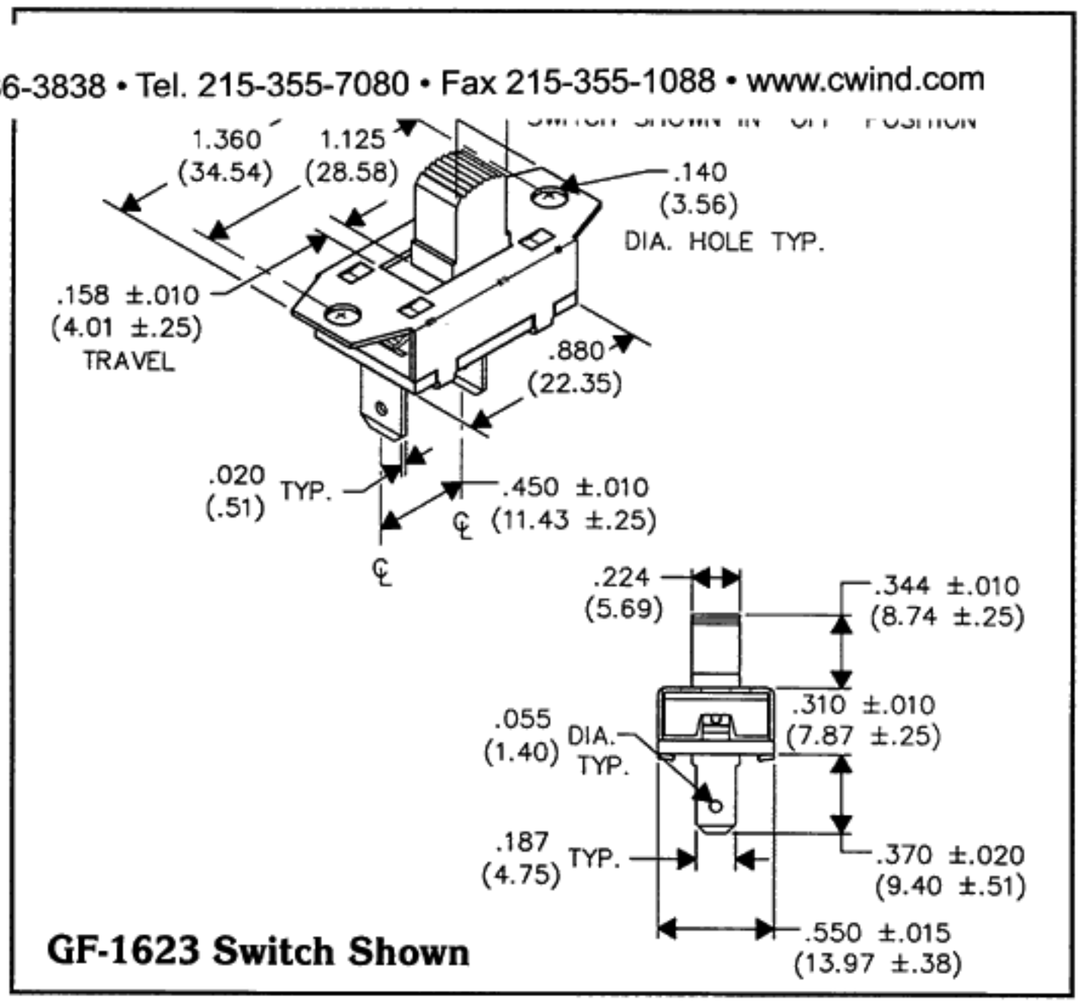
Relative Humidity: Insulation resistance > 100 MΩ after 100 hours at 95% R.H. and 50˚C and 1 hour dry at ambient room conditions

MATERIALS

Button: Type 6/6 Nylon. Black is standard, for other colors consult factory. .344" (8.74 mm) high button is standard other heights available, consult factory. Optional button toppers available as shown on page 15.
Housing: Steel, zinc plated
Moving Contact: Copper alloy, silver plated
Moving Contact Spring: Phosphor bronze
Terminal: Copper alloy, .187" (4.75 mm) blade terminals for solderless connection
Terminal Board: Phenolic Laminate



GF-1623 Switch Shown

MOUNTING

Two .140" diameter holes on 1.125" centers

TYPES AVAILABLE

TYPE	CIRCUIT	ELECTRICAL RATING†	LISTING AGENCY
GF-1623	SPST	16 A @ 125 VAC 8 A @ 250 VAC	UL / CSA

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G/GS-2011 & G/GS-2012
Power Slide Switches

OPERATING STANDARDS, MATERIALS, and OPTIONAL FEATURES are the same as 2000 Series Rocker Switches described on pages 8 and 9.

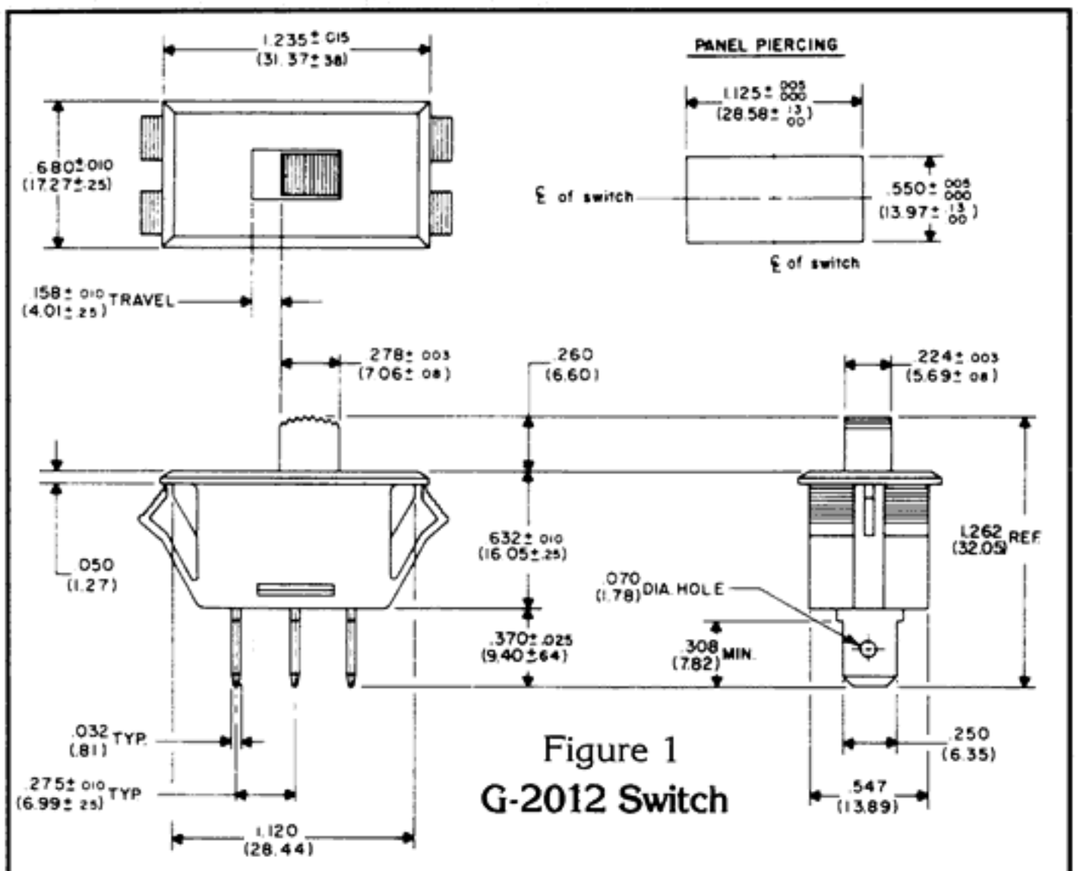


Figure 1
G-2012 Switch

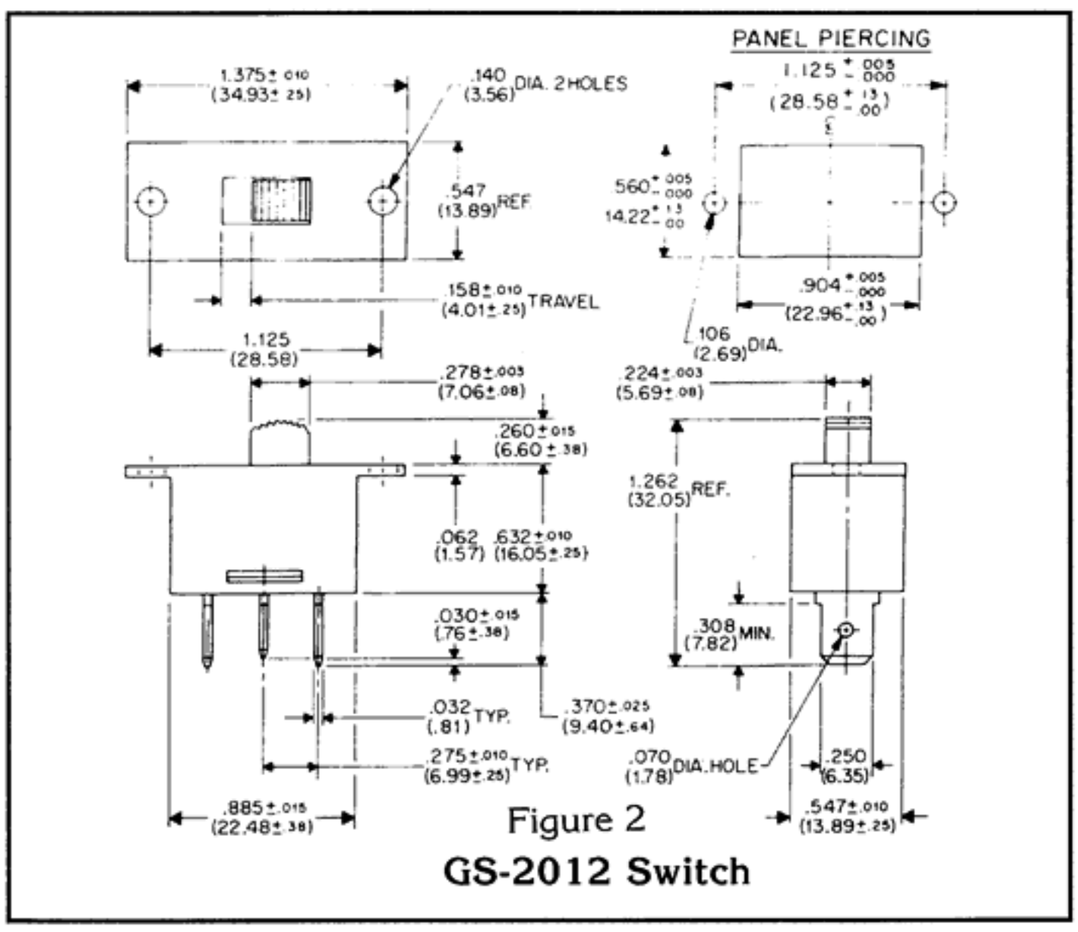
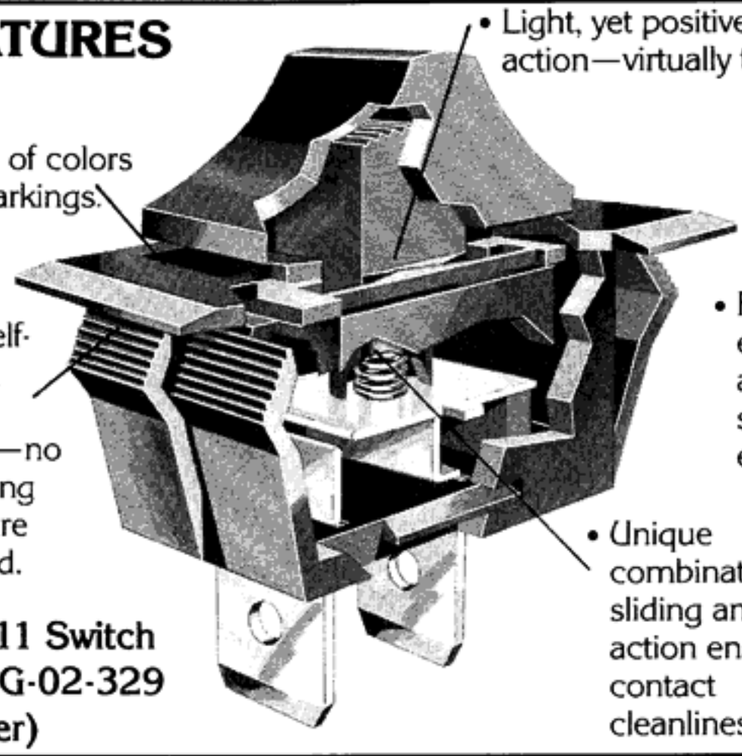


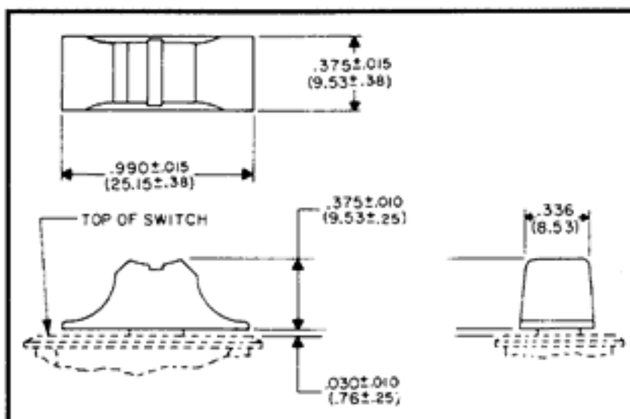
Figure 2
GS-2012 Switch

FEATURES

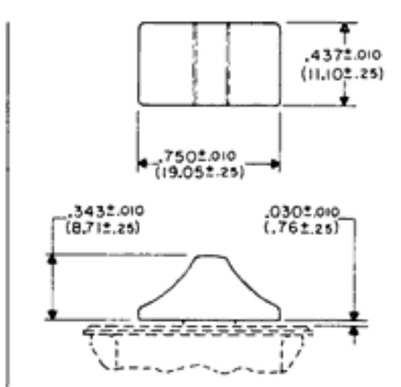


G-2011 Switch (with G-02-329 Topper)

TOPPERS AND BUTTON HEIGHT

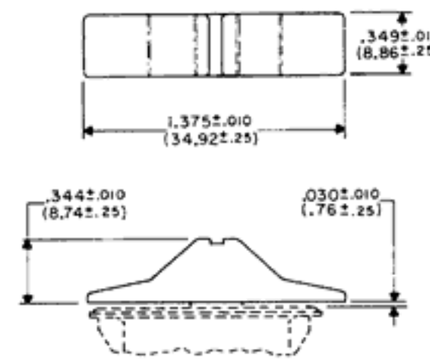


Topper G-02-317



Topper G-02-329

Change your panel appearance. Drawings show toppers oriented to switches having standard .260" (6.60 mm) high button. Optional heights available are .344" (8.74 mm), .500" (12.70 mm), .625" (15.88 mm), and .750" (19.05 mm). As button height increases above .260" (6.60 mm), clearance between topper and housing changes accordingly.



Topper G-02-72

HOW TO ORDER

Step 1: Select part number that satisfies your maximum current requirements, either SPST or SPDT. Specify "G" for Pop-in Mount (figure 1) or "GS" for Slide Switch with mounting tabs (figure 2).

Step 2: Standard switch includes blade terminal and needs no added identification. If needed, specify optional solder terminal, G-20-164.

Step 3: Standard switch construction is without barriers. If needed, specify "with barriers" between terminals. Barriers available in 2012 versions only.

Step 4: Standard switch is all black. For special housing or knob color or markings, contact factory for part number designation.

TYPE	CIRCUIT	ELECTRICAL RATING†	LISTING AGENCIES
G-2011-8/GS-2011-8 G-2012-8/GS-2012-8	SPST SPDT	8 A 125 VAC 4 A 250 VAC	UL & CSA
G-2011-13/GS-2011-13 G-2012-13/GS-2012-13	SPST SPDT	13 A 125 VAC 10 A 250 VAC 1/2 HP 125 - 250 VAC 5 A 14 V (T) 6 A 125 V (L)	UL & CSA
G-2011-16/GS-2011-16 G-2012-16/GS-2012-16	SPST SPDT	16 A 125 VAC 12 A 250 VAC 3/4 HP 125 - 250 VAC 10 A 14 V (T) 10(2) A 250 - (VDE) (G-2011, G-2012 only)	UL, CSA & VDE

† Additional ratings may be available, specify your unique requirements.

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