# **CW INDUSTRIES**

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Item # GRS-2011C-2003, 2000 Series Momentary Full Size Rocker Switches

Check Distributor Stock	
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Specifications	
Circuitry	SPST - Momentary Normally Closed
Switch Function	ON-(OFF)
Electrical Ratings <sup>1</sup>	10 A @ 250 VAC 13 A @ 125 VAC
Temperature Rating	+65 Max. Degrees C
Panel Opening	0.550 X 1.125 in 13.97 X 28.58 mm
Acceptable Panel Thickness	0.025 - 0.180 in 0.64 - 4.57 mm
Mounting	No hardware or tools needed; self locks into one of the two available panel opening options.  Specify - GRSX-2000 Series - 2000 for 0.550 X 1.125 in. panel opening.  Specify - GRSX-2000 Series - 3000 for 0.480 X 1.072 in. panel opening.  CAUTION: Burr direction must be away from the direction of insertion.
Mounting Polarization	No
Actuator Color	Black
Actuator Legend	None
Illumination	Non Illuminated
Housing Color	Black
Insulating Barriers	(X) Between Terminals (_) No Barriers
Terminals	(X) 0.250 x 0.032in. 6.35 x 0.81mm. Quick Connect (_) 0.187 x 0.032in. 4.75 x 0.81mm. Quick Connect
Listing Agency (Consult drawing or factory for specific rating) <sup>2</sup>	Listed Agencies
Compliance	RoHS

<sup>1</sup> Additional ratings may be available, contact us for more information.

<sup>2</sup> Due to ongoing advancements, additional agency certifications may be available, contact us for more information.

Materials	
Rocker Knob	Nylon 94V-2
Housing	Nylon 94V-2
Terminals & Moving Contacts	Copper Alloy

# **Operating Standards**

## **Endurance:**

100,000 cycles, no load, minimum 25,000 cycles at rated load minimum

#### **Contact Resistance:**

Less than 0.01  $\Omega$  at 10 mA

# Operating Temperature:

From -20°C to 105°C maximum.

Consult factory for higher or lower temperature ranges.

## **High Voltage Dielectric Withstanding Voltage:**

2,500 V, 60 Hz for 1 minute between mounting surface and circuit connections (min.)

## **Relative Humidity:**

Insulation resistance >  $10^3$  M $\Omega$  after 100 hours at 95% R.H. and 50°C followed by 1 hour dry at ambient room conditions

**Operating Standards** described herein are general specifications that vary depending on the switch construction specified and end application. Contact us for specifications for specific models. Specifications subject to change without notice.