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Email: [info@cwind.com](mailto:info@cwind.com) • Website: <http://www.cwind.com>**Item # GRS-2011-2083, 2000 Series Maintained Action Full Size Rocker Switches**
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**Check Distributor Stock**

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**Specifications**

|  |  |
|--|--|
| <b>Circuitry</b>   | SPST   |
| <b>Switch Function</b>   | ON-OFF   |
| <b>Electrical Ratings<sup>1</sup></b>  | 10 A @ 14 V (T)<br>12 (6) A @ 250~ (VDE)<br>12 A @ 250 VAC<br>16 A @ 125 VAC<br>3/4 HP @ 125-250 VAC   |
| <b>Temperature Rating</b>  | +65 Max. Degrees C   |
| <b>Panel Opening</b>   | 0.550 X 1.125 in<br>13.97 X 28.58 mm   |
| <b>Acceptable Panel Thickness</b>  | 0.025 - 0.180 in<br>0.64 - 4.57 mm   |
| <b>Mounting</b>  | No hardware or tools needed; self locks into one of the two available panel opening options.<br><br>Specify - GRSX-2000 Series - 2000 for 0.550 X 1.125 in. panel opening.<br>Specify - GRSX-2000 Series - 3000 for 0.480 X 1.072 in. panel opening.<br><br><b>CAUTION:</b> Burr direction must be away from the direction of insertion. |
| <b>Mounting Polarization</b>   | No   |
| <b>Actuator Color</b>  | Black  |
| <b>Actuator Legend</b>   | On/Off - Vertical  |
| <b>Illumination</b>  | Non Illuminated  |
| <b>Housing Color</b>   | Black  |
| <b>Insulating Barriers</b>   | ( <input type="checkbox"/> ) Between Terminals ( <input checked="" type="checkbox"/> ) No Barriers   |
| <b>Terminals</b>   | (X) 0.250 x 0.032in. 6.35 x 0.81mm. Quick Connect<br>( ) 0.187 x 0.032in. 4.75 x 0.81mm. Quick Connect   |
| <b>Contact Action</b>  | Sliding with Self Cleaning Contacts  |
| <b>Listing Agency<br/>(Consult drawing or factory for specific rating)<sup>2</sup></b> | <br>Listed Agencies   |

|                   |  |
|-------------------|--|
| <b>Compliance</b> |  |
|-------------------|--|

<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

|                                      |   |
|--------------------------------------|---|
| <b>Rocker Knob</b>                   | Nylon 94V-2                                   |
| <b>Housing</b>                       | Nylon 94V-2                                   |
| <b>Terminal &amp; Moving Contact</b> | Copper Alloy or<br>Copper Alloy Silver Plated |

## 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<sup>3</sup> 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.