

# RG-Series

## SINGLE/DOUBLE POLE ROCKER & PADDLE SWITCHES

The double pole version of the R-Series incorporates the same sleek lines as the original Corvette, in a double pole envelope. Features include silver-plated butt-action contacts which afford ratings to 20A/125, 15A 250VAC and withstand peak inrush currents up to 100 amps. Paddle or rocker actuators and a choice of solder lug, .250 Tab and wire lead terminations enable this switch to adapt to high current applications.



### Product Highlights:

- ♦ Ratings to 20A
- ♦ UL, CSA and VDE approved
- ♦ Rocker or Paddle actuators
- ♦ Fits Euro or American standard mounting holes

### Typical Applications:

- ♦ Power Supply
- ♦ Appliance
- ♦ Exercise Equipment
- ♦ Music Equipment



## Dielectric Strength

UL/CSA:  
1000V - live to dead metal parts &  
opposite polarity  
VDE:  
4000V - live to dead metal parts;  
1250V - opposite polarity &  
across open contacts

## Electrical Life

50,000 cycles

## Mechanical Life

100,000 cycles

## Operating Temperature

-40°F to 185°F (-40°C to 85°C)

**RGSCA901** - **R** - **B** - **B** - **A**

1  
Base Part Number

2  
Actuator  
Style

3  
Actuator  
Color

4  
Bezel Color

5  
Rocker  
Legend

### 1 BASE PART NUMBER: SERIES / CIRCUITRY / RATING <sup>1</sup> / TERMINATION

15A 250 VAC, 20A 125 VAC, 3/4 HP 125-250 VAC, 14(6)A 250 VAC

#### Standard Base

|                           | Solder Lugs | .250 Tabs | Wire Leads |
|---------------------------|-------------|-----------|------------|
| OFF-NONE-ON (Single Pole) | RGSCA900    | RGSCA901  | RGSCA905   |
| ON-NONE-ON (Single Pole)  | RGSCB900    | RGSCB901  | RGSCB905   |
| OFF-NONE-ON (Double Pole) | RGSCC900    | RGSCC901  | RGSCC905   |
| ON-NONE-ON (Double Pole)  | RGSCD900    | RGSCD901  | RGSCD905   |

#### European Base (22 x 30 mm cutout)

|                           | Solder Lugs | .250 Tabs | Wire Leads |
|---------------------------|-------------|-----------|------------|
| OFF-NONE-ON (Single Pole) | RGSEA900    | RGSEA901  | RGSEA905   |
| ON-NONE-ON (Single Pole)  | RGSEB900    | RGSEB901  | RGSEB905   |
| OFF-NONE-ON (Double Pole) | RGSEC900    | RGSEC901  | RGSEC905   |
| ON-NONE-ON (Double Pole)  | RGSED900    | RGSED901  | RGSED905   |

### 2 ACTUATOR STYLE

P Paddle R Rocker

### 3 ACTUATOR COLOR <sup>1</sup>

B Black W White

### 4 BEZEL COLOR <sup>1</sup>

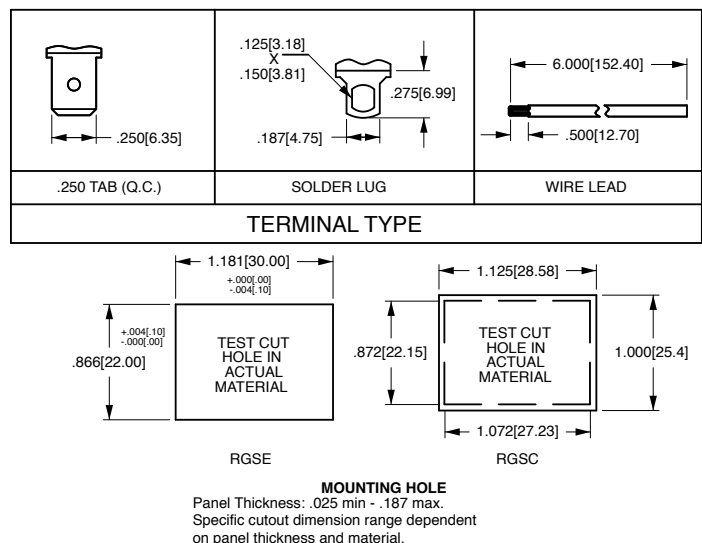
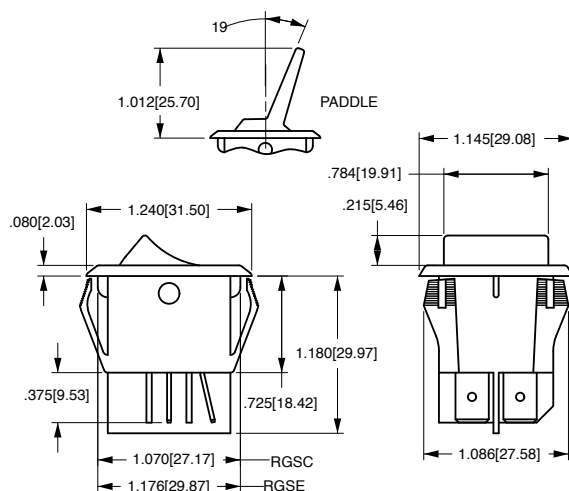
B Black W White

### 5 ROCKER LEGEND

|                             | hot stamp |
|-----------------------------|-----------|
| NO LEGEND                   | O         |
| OFF-ON vertical             | A         |
| OFF-ON horizontal           | B         |
| O-I horizontal              | D         |
| O-I vertical                | E         |
| Dual OFF-ON, O-I vertical   | H         |
| Dual OFF-ON, O-I horizontal | J         |

#### Notes:

1 Additional ratings, colors and clear style actuators are available. Consult factory.



\*Manufacturer reserves the right to change product specification without prior notice.

## Authorized Sales Representatives and Distributors

Click on a region of the map below to find your local representatives and distributors or visit [www.carlingtech.com/findarep](http://www.carlingtech.com/findarep).



## About Carling

Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With four ISO registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit [www.carlingtech.com/company-profile](http://www.carlingtech.com/company-profile).

To view all of Carling's environmental, quality, health & safety certifications please visit [www.carlingtech.com/environmental-certifications](http://www.carlingtech.com/environmental-certifications)

## **Worldwide Headquarters**

Carling Technologies, Inc.  
60 Johnson Avenue, Plainville, CT 06062  
**Phone:** 860.793.9281 **Fax:** 860.793.9231  
**Email:** sales@carlingtech.com

**Northern Region Sales Office:** nrsm@carlingtech.com  
**Southeast Region Sales Office:** sersm@carlingtech.com  
**Midwest Region Sales Office:** mrsm@carlingtech.com  
**West Region Sales Office:** wrsm@carlingtech.com  
**Latin America Sales Office:** larsm@carlingtech.com

## **Asia-Pacific Headquarters**

Carling Technologies, Asia-Pacific Ltd.,  
Suite 1607, 16/F Tower 2, The Gateway,  
Harbour City, 25 Canton Road,  
Tsimshatsui, Kowloon, Hong Kong  
**Phone:** Int + 852-2737-2277 **Fax:** Int + 852-2736-9332  
**Email:** sales@carlingtech.com.hk

**Shenzhen, China:** shenzhen@carlingtech.com  
**Shanghai, China:** shanghai@carlingtech.com  
**Pune, India:** india@carlingtech.com  
**Kaohsiung, Taiwan:** taiwan@carlingtech.com  
**Yokohama, Japan:** japan@carlingtech.com

## **Europe | Middle East | Africa Headquarters**

Carling Technologies LTD  
4 Airport Business Park, Exeter Airport,  
Clyst Honiton, Exeter, Devon, EX5 2UL, UK  
**Phone:** Int + 44 1392.364422 **Fax:** Int + 44 1392.364477  
**Email:** ltd.sales@carlingtech.com

**Germany:** gmbh@carlingtech.com  
**France:** sas@carlingtech.com



**Carling Technologies®**

Innovative Designs. Powerful Solutions.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Carling Technologies:

[RGSCC901-R-B-B-E](#) [RGSCA901-R-B-B-E](#) [RGSCC201-R-B-B-0](#) [RGSCC201-R-B-B-E](#) [RGSCC211-R-B-B-0](#)  
[RGSCC211-R-B-B-A](#) [RGSCC211-R-B-B-E](#) [RGSCC901-R-B-B-0](#) [RGSCA901-R-B-B-0](#) [RGSCC911-R-B-B-0](#)  
[RGSCD901-R-B-B-0](#) [RGSEC901-R-B-B-0](#) [RGSCC915-R-B-B-E/12](#) [RGSEC901-R-B-B-D](#) [RGSEC901-R-B-B-E](#)  
[RGSCA211-R-B-B-0](#) [RGSCD201-R-B-B-0](#) [RGSCC911-R-B-B-E](#)