



# SERIES R5 SWITCHES

## ROCKER SWITCHES - ILLUMINATED



### SPECIFICATIONS

Contact Rating\*: Versions D,G,I - 10A @ 250V, 15A @ 125V AC  
Versions A,B,C,E,F,H - 16A @ 250V AC, 1HP  
20A @ 125V AC, 3/4 HP

Life Expectancy (Mechanical): 30,000 cycles

Life Expectancy (Electrical): 10,000 cycles

Contact Resistance: 20 mΩ (Initial)

Insulation Resistance: >1,000M Ω @ 500V DC

Dielectric Strength: >1,500V AC: 1 minute (Initial)

Safety Std. Approval: UL, CSA

Operating Temp: -20°C to 55°C

### FEATURES & BENEFITS

- ▶ Fully illuminated actuator option
- ▶ DPDT (double pole, double throw)
- ▶ Snap-in panel mount

### APPLICATIONS/MARKETS

- ▶ Industrial
- ▶ Audio/visual
- ▶ Lighting ballast



### HOW TO ORDER

| SERIES                      | CIRCUIT   | HOUSING COLOR | ACTUATOR COLOR  | MARKING                              | TERMINATION | LAMP VOLTAGE   |
|-----------------------------|-----------|---------------|---|--------------------------------------|-------------|--|
| R5                          | See Below | BLK = Black   | BLK = Black<br>RED = Red<br>*YEL = Yellow<br>*GRN = Green<br>GRY = Gray<br>ORG = Orange<br>*RED = Red | A<br>B<br>C<br>E<br>F<br>G<br>H<br>I | F = Faston  | 0 = No Lamp<br>1 = 125V AC <sup>1</sup><br>2 = 250V AC <sup>1</sup><br>3 = 12V DC <sup>2</sup><br><br><sup>1</sup> Neon Bulb<br><sup>2</sup> LED |
| <b>CIRCUIT CODE:</b>        |           |               |   |                                      |             |  |
| A = DPST On-Off             |           |               |   |                                      |             |  |
| B = DPST On-Off Illuminated |           |               |   |                                      |             |  |
| C = DPDT On-On              |           |               |   |                                      |             |  |
| D = DPDT On-Off-On          |           |               |   |                                      |             |  |
| E = DPDT On-(On)            |           |               |   |                                      |             |  |
| F = DPST Off-(On)           |           |               |   |                                      |             |  |
| G = DPDT (On)-Off-(On)      |           |               |   |                                      |             |  |
| H = DPDT On-None-(Off)      |           |               |   |                                      |             |  |
| I = DPDT On-Off-(On)        |           |               |   |                                      |             |  |
| ( ) = Momentary             |           |               |   |                                      |             |  |



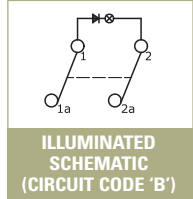
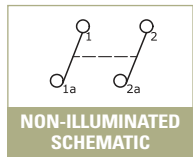
Example Ordering Number  
R5-C-WHT-BLK-C-F-3

Specifications subject to change without notice. 11/11/2021

## DPST

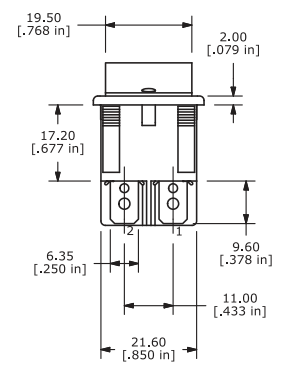
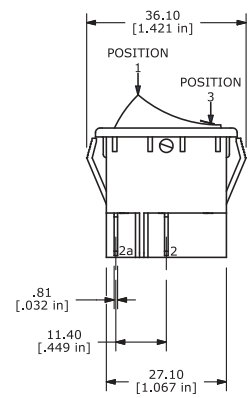
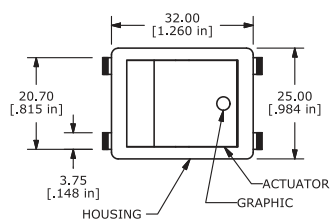


| Circuit Code | POS 1      | POS 2      |
|--------------|------------|------------|
| A            | ON         | OFF        |
| B            | ON         | OFF Illum. |
| F            | (ON)       | OFF        |
| H            | ON         | (OFF)      |
| Term. Comm.  | 1-1a, 2-2a | OPEN       |



| Circuit Code  | POS 1 OFF | POS 2 | POS 3 RUN |
|---------------|-----------|-------|-----------|
| J - Circuit 1 | OFF       | ON    | ON        |
| J - Circuit 2 | OFF       | OFF   | (ON)      |

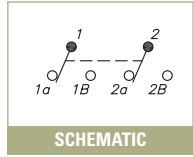
( ) = Momentary



## DPDT



| Circuit Code | POS 1 OFF  | POS 2 | POS 3 |
|--------------|------------|-------|-------|
| C            | ON         | NONE  | ON    |
| D            | ON         | OFF   | ON    |
| E            | ON         | NONE  | (ON)  |
| G            | (ON)       | OFF   | (ON)  |
| I            | ON         | OFF   | (ON)  |
| Term. Comm.  | 1-1a, 2-2a | OPEN  | 1-1b  |

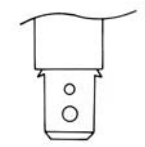


**NOTE: Illumination not available for DPDT versions.**

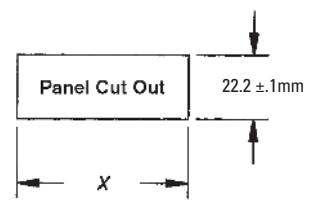
( ) = Momentary

## TERMINATION OPTIONS

### F FASTON



0.81 (.032) THK terminals designed for Quick Connect connectors available from AMP Industries, Harrisburg, PA 17105. (Or equivalent).



| Panel Thickness            | X mm (inch)     |
|----------------------------|-----------------|
| .75 - 1.25 (.030)-(0.049)  | 30.0±.2 (1.181) |
| 1.25 - 2.00 (.049)-(0.079) | 30.2±.2 (1.189) |
| 2.00 - 3.00 (.079)-(1.118) | 30.6±.2 (1.205) |

### PANEL MOUNTING

## MARKING OPTIONS

