



E-SWITCH®

# SERIES R4 SWITCHES

## ROCKER SWITCHES - ILLUMINATED



### FEATURES & BENEFITS

- Fully illuminated actuator option
- Neon & incandescent lamp options

### APPLICATIONS/MARKETS

- Industrial
- Audio/visual
- Lighting ballast

### SPECIFICATIONS

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

Life Expectancy (Mechanical): 30,000 cycles

Life Expectancy (Electrical): 6,000 cycles

Contact Resistance: 20 mΩ max. typical initial @ 2-4 VDC

Insulation Resistance: &gt;1,000MΩ

Dielectric Strength: &gt;1,500V 1 minute between terminals

Safety Std. Approval: UL

Operating Temp: -20°C to 55°C

### HOW TO ORDER

SERIES <b>R4</b>	CIRCUIT	HOUSING COLOR	ACTUATOR COLOR	DOT LENS COLOR	MARKING	TERMINATION	LAMP VOLTAGE
	See Below	BLK = Black GRY = Grey	BLK = Black RED = Red RIL = Red ILL* GIL = Green ILL* YIL = Yellow ILL*	RED = Red ** GRN = Green ** YEL = Yellow **	A B C D E F G H I J K	F = Faston	0 = No Lamp 1 = 125V AC <sup>1</sup> 2 = 250V AC <sup>1</sup> 3 = 12V DC <sup>2</sup> 4 = 24V DC <sup>2</sup>

#### CIRCUIT CODE:

- A = SPST On-Off
- B = SPST On-Off Dot Illuminated
- C = SPDT On-On
- D = SPDT On-Off-On
- E = SPDT On-(On)
- F = SPST Off-(On)
- G = SPDT (On)-Off-(On)
- H = SPST On-(Off)
- I = SPDT On-Off-(On)
- J = SPST On-Off Fully Illuminated

( ) = Momentary



#### Example Ordering Number

R4-B-BLK-BLK-YEL-E-F-2

\* To be used with the "J" circuit only

\*\* To be used with the "B" circuit only

Specifications subject to change without notice. 10/18/2022

TACT  
SWITCHESNAVIGATION  
SWITCHESPUSHBUTTON  
SWITCHESTOGGLE  
SWITCHESROCKER  
SWITCHESSLIDE  
SWITCHESSNAP-ACTION  
SWITCHESDIP  
SWITCHESKEYLOCK  
SWITCHESROTARY  
SWITCHESDETECTOR  
SWITCHESCAP  
OPTIONS

# SERIES R4 SWITCHES

## ROCKER SWITCHES - ILLUMINATED

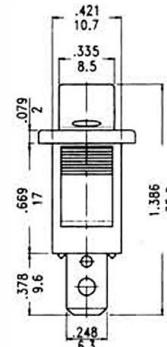
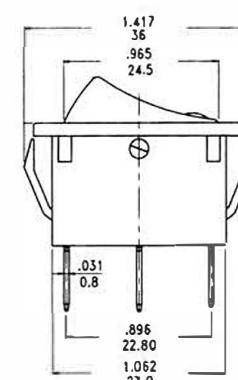
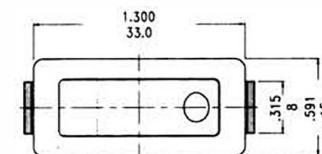
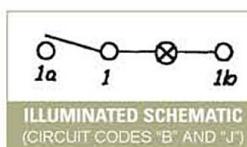
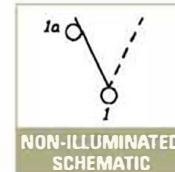
TACT  
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SWITCHESDIP  
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OPTIONS

### SPST



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

{ } = Momentary

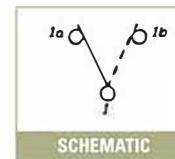


### SPDT



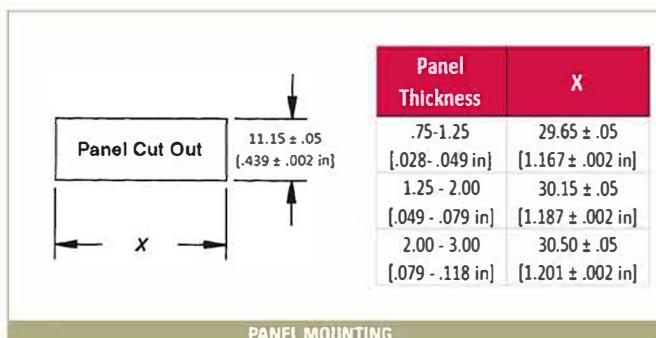
Circuit Code	POS 1	POS 2	POS 3
C	ON	NONE	ON
D	ON	OFF	ON
E	ON	NONE	(ON)
G	(ON)	OFF	(ON)
I	ON	OFF	(ON)
Term. Comm.	1-1a	OPEN	1-1b

{ } = Momentary



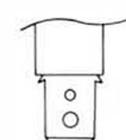
**NOTE:** Illumination not available for SPDT versions.

### TERMINATION OPTIONS



Panel Thickness	X
.75-1.25 [.028-.049 in]	29.65 ± .05 [1.167 ± .002 in]
1.25 - 2.00 [.049 - .079 in]	30.15 ± .05 [1.187 ± .002 in]
2.00 - 3.00 [.079 - .118 in]	30.50 ± .05 [1.201 ± .002 in]

### FASTON



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

### MARKING OPTIONS

