

SERIES R5 SWITCHES

ROCKER SWITCHES - ILLUMINATED



E-SWITCH®



FEATURES & BENEFITS

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

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 - 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, VDE
Operating Temp:	-20°C to 55°C

MATERIALS

Body:	Nylon 6/6 (UL94 V-2)
Rocker:	Nylon 6/6, PC for illuminated versions (UL94 V-2)
Contact Surface:	Silver nickel alloy
Terminal:	Silver plated brass
Illuminated Rockers:	Neon lamp or Incandescent bulb



HOW TO ORDER

SERIES R5	CIRCUIT	HOUSING COLOR	ACTUATOR COLOR	MARKING	TERMINATION	LAMP VOLTAGE
	See Below	BLK = Black WHT = White	BLK = Black WHT = White RED = Red *YEL = Yellow *GRN = Green GRY = Gray DRG = Drange *RED = Red	A B C E F G H I	F = Faston	0 = No Lamp 1 = 125V AC ¹ 2 = 250V AC ¹ 3 = 12V DC ² ¹ Neon Bulb ² Incandescent Bulb
CIRCUIT CODE: 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						

*Available for Illuminated Version Only



Example Ordering Number

R5-C-WHT-BLK-C-F-3

Specifications subject to change without notice. 10/31/2018

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

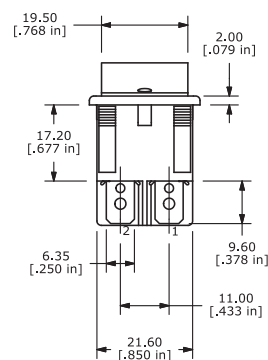
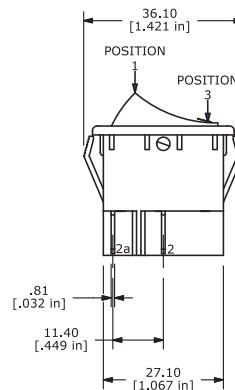
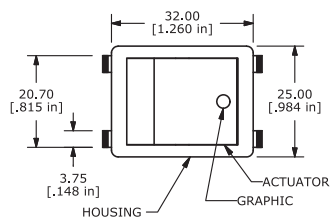
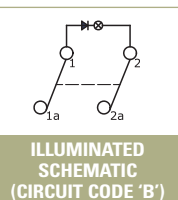
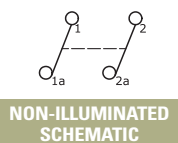
DPST



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

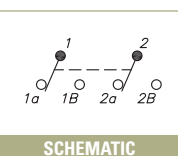


DPDT

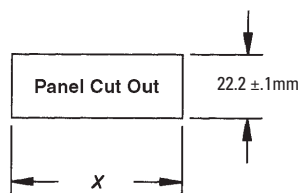


Circuit Code	POS 1 OFF	POS 2	POS 3
C	ON	NONE	ON
D	ON	OFF	ON
E	ON	NONE	(ON)
G	(ON)	OFF	(ON)
I	ON	OFF	(ON)
Term. Comm.	1-1a, 2-2a	OPEN	1-1b

() = Momentary



NOTE: Illumination not available for DPDT versions.



Panel Thickness	X mm (inch)
.75 - 1.25 (.030) - (.049)	30.0 ± .2 (1.181)
1.25 - 2.00 (.049) - (.079)	30.2 ± .2 (1.189)
2.00 - 3.00 (.079) - (.118)	30.6 ± .2 (1.205)

PANEL MOUNTING

MARKING OPTIONS

