

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 ORG = Orange *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.

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

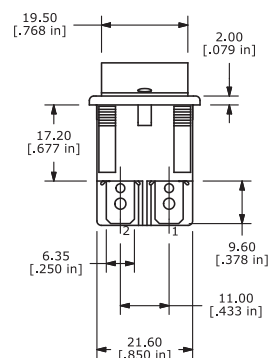
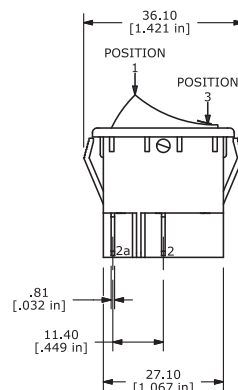
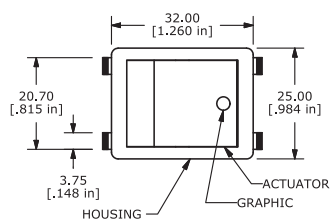
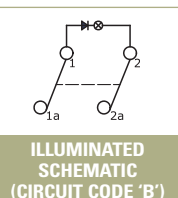
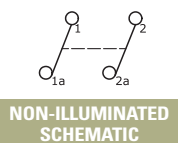
DPST



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

() = Momentary

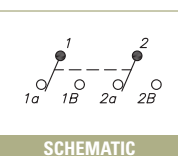


DPDT



Circuit Code	POS 1 OFF	POS 2 ON	POS 3 RUN
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

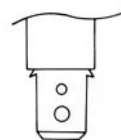
() = Momentary



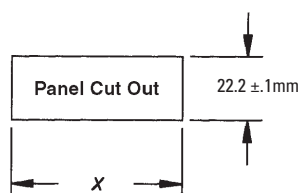
NOTE: Illumination not available for DPDT versions.

TERMINATION OPTIONS

F FASTON



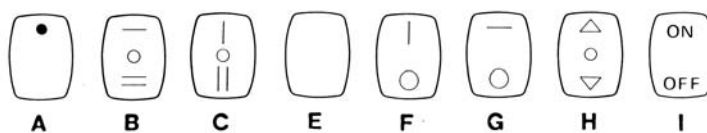
0.81 (.032) THK terminals designed for Quick Connect connectors available from AMP Industries, Harrisburg, PA 17105. (Or equivalent).



Panel Thickness	X mm (inch)
.75 - 1.25 (.030) - (.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



Mouser Electronics

Authorized Distributor

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

E-Switch:

[R5CBLKBLKEF0](#) [R5DBLKBLKEF0](#) [R5DBLKBLKHF0](#) [R5DBLKBLKCF0](#) [R5BBLKREDFF2](#) [R5ABLKBLKFF0](#)
[R5ABLKBLKEF0](#) [R5BBLKREDFF3](#) [R5BBLKGRNFF1](#) [R5BBLKGRNFF3](#) [R5BBLKREDEF1](#) [R5BBLKREDFF1](#)
[R5BBLKGRNEF1](#) [R5BBLKYELGF2](#) [R5BBLKGRNFF2](#) [R5GBLKBLKHF0](#) [R5ABLKBLKAF0](#) [R5BBLKGRNBF2](#)
[R5BBLKGRNEF2](#) [R5BBLKGRNIF2](#) [R5BBLKREDIF1](#) [R5BBLKYELEF3](#) [R5FBLKBLKEF0](#) [R5SEALFRAME](#)
[R5ABLKBLKGF0](#) [R5ABLKBLKIF0](#) [R5ABLKREDEF0](#) [R5ABLKREDIF0](#) [R5AWHTWHTFF0](#) [R5BBLKGRNAF1](#)
[R5BBLKGRNAF2](#) [R5BBLKGRNBF1](#) [R5BBLKGRNEF3](#) [R5BBLKGRNGF1](#) [R5BBLKGRNGF2](#) [R5BBLKGRNIF1](#)
[R5BBLKREDAF2](#) [R5BBLKREDCF1](#) [R5BBLKREDEF2](#) [R5BBLKREDGF2](#) [R5BBLKREDHF1](#) [R5BBLKREDIF3](#)
[R5BBLKWHTF2](#) [R5BBLKWHTFF1](#) [R5BBLKYELEF1](#) [R5BBLKYELFF2](#) [R5CBLKBLKIF0](#) [R5CBLKREDEF0](#)
[R5EBLKBLKEF0](#) [R5EBLKREDEF0](#) [R5EWHTWHTFF0](#) [R5FBLKBLKFF0](#) [R5GBLKBLKAF0](#) [R5GBLKBLKEF0](#)
[R5IBLKBLKEF0](#) [R5SEAL](#) [R5IBLKBLKBF0](#) [R5BWHTGRNFF1](#) [R5CBLKORGEF0](#) [R5ABLKORGEF0](#) [R5DBLKBLKBF0](#)
[R5BBLKCLRGF1](#)