

SERIES R4 SWITCHES

ROCKER SWITCHES - ILLUMINATED



E-SWITCH®



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:	>1,000MΩ
Dielectric Strength:	>1,500V 1 minute between terminals
Safety Std. Approval:	UL, VDE
Operating Temp:	-20°C to 55°C

MATERIALS

Body:	Nylon 6/6 (UL94 V-2)
Rocker:	Nylon 6/6 (UL94 V-2)
Contact Surface:	Silver over nickel alloy
Terminal:	Silver plated copper alloy
Illuminated Rockers:	Neon lamp or Incandescent bulb

HOW TO ORDER

SERIES R4	CIRCUIT	HOUSING COLOR	ACTUATOR COLOR	DOT LENS COLOR	MARKING	TERMINATION	LAMP VOLTAGE
	See Below	BLK = Black WHT = White GRY = Grey	BLK = Black WHT = White 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 L	F = Faston	0 = No Lamp 1 = 125V AC ¹ 2 = 250V AC ¹ 3 = 12V DC ² 4 = 24V DC ² ¹ Neon Bulb ² Incandescent Bulb
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.



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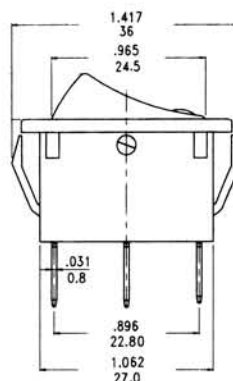
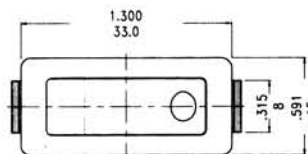
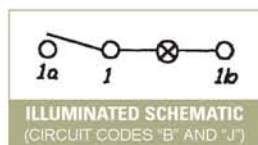
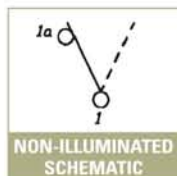
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

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

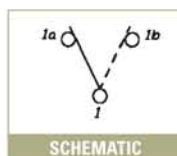


SPDT



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

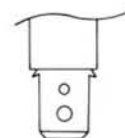
() = Momentary



NOTE: Illumination not available for SPDT versions.

TERMINATION OPTIONS

F FASTON

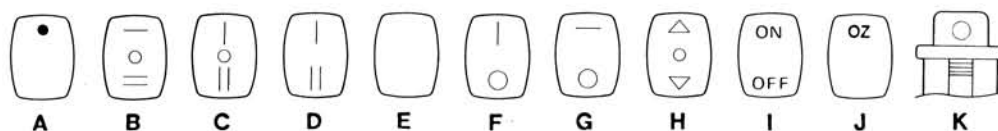


0.81 (.032) THK terminals designed for Quick Connect connectors available from AMP Industries, Harrisburg, PA 17105. (Or equivalent).

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

PANEL MOUNTING

MARKING OPTIONS



Mouser Electronics

Authorized Distributor

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

E-Switch:

[R4DBLKBLKEF0](#) [R4CBLKBLKEF0](#) [R4DBLKBLKBF0](#) [R4FBLKBLKEF0](#) [R4GBLKBLKHF0](#) [R4ABLKBLKAF0](#)
[R4ABLKBLKDF0](#) [R4ABLKBLKEF0](#) [R4ABLKBLKFF0](#) [R4ABLKBLKGF0](#) [R4ABLKBLKIF0](#) [R4ABLKREDFF0](#)
[R4BBLKBLKGRNEF2](#) [R4BBLKBLKGRNEF4](#) [R4BBLKBLKGRNFF1](#) [R4BBLKBLKGRNFF2](#) [R4BBLKBLKGRNFF3](#)
[R4BBLKBLKREDEF1](#) [R4BBLKBLKREDEF2](#) [R4BBLKBLKREDEF3](#) [R4BBLKBLKYELEF3](#) [R4BBLKBLKYELEF4](#)
[R4BBLKREDREDEF1](#) [R4BBLKREDREDEF3](#) [R4BBLKREDREDEF4](#) [R4BBLKREDYELEF3](#) [R4BWHTREDREDEF1](#)
[R4BWHTREDREDEF2](#) [R4CBLKBLKHF0](#) [R4DWHTWHTHF0](#) [R4EBLKBLKEF0](#) [R4FBLKBLKAF0](#) [R4FBLKBLKEF0](#)
[R4FBLKBLKGF0](#) [R4GBLKREDHF0](#) [R4GBLKWHTEF0](#) [R4GBLKWHTIF0](#) [R4GWHTWHTEF0](#) [R4HBLKBLKAF0](#)
[R4HBLKBLKEF0](#) [R4IBLKBLKEF0](#) [R4JBLKGILEF1](#) [R4JBLKGILEF2](#) [R4JBLKGILEF3](#) [R4JBLKRILEF1](#)
[R4JBLKRILEF2](#) [R4JBLKRILEF3](#) [R4JBLKRILEF4](#) [R4ABLKREDEF0](#) [R4ABLKREDIF0](#) [R4BBLKBLKGRNEF1](#)
[R4BBLKBLKGRNEF3](#) [R4BBLKBLKREDFF1](#) [R4BBLKBLKYELEF1](#) [R4CBLKBLKAF0](#) [R4DBLKBLKHF0](#)
[R4FWHTWHTEF0](#) [R4GBLKBLKEF0](#) [R4GBLKWHTHF0](#) [R4JBLKRILIF3](#) [R4GBLKBLKAF0](#) [R4JBLKBILEF3](#)
[R4CBLKBLKFF0](#)