

SERIES R4 SWITCHES

ROCKER SWITCHES - ILLUMINATED



E-SWITCH®



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
Operating Temp:	-20°C to 55°C

FEATURES & BENEFITS

- ▶ Fully illuminated actuator option
- ▶ Neon & incandescent lamp options

APPLICATIONS/MARKETS

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

HOW TO ORDER

SERIES R4	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 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 LED
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. 11/11/2021



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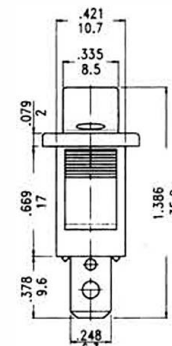
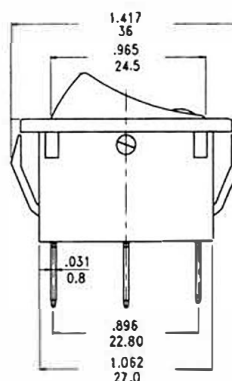
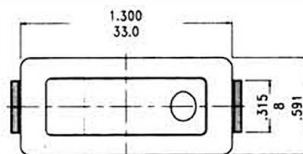
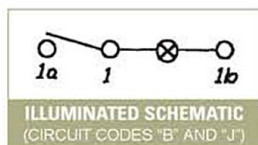
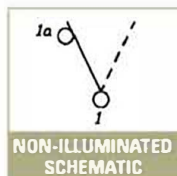
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

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

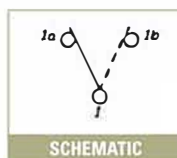


SPDT



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

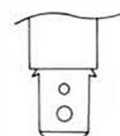
{ } = Momentary



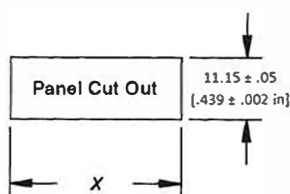
NOTE: Illumination not available for SPDT versions.

TERMINATION OPTIONS

F FASTON



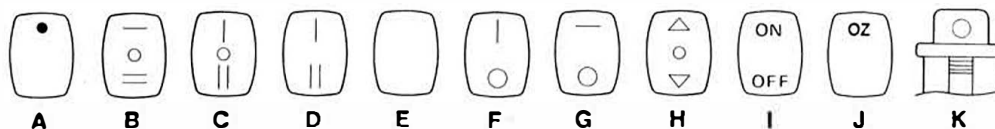
0.81 (.032) THK terminals designed for Quick Connect connectors available from AMP Industries, Harrisburg, PA 17105. (Or equivalent).



Panel Thickness	X
.75-1.25 [.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]

PANEL MOUNTING

MARKING OPTIONS



Mouser Electronics

Authorized Distributor

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

E-Switch:

[R4CBLKBLKDFO](#) [R4DBLKREDBFO](#) [R4FBLKREDEFO](#) [R4GBLKBLUEF0](#) [R4IBLKREDEFO](#) [R4JBLKRILFF2](#)
[R4BBLKBLKREDEF4](#) [R4ABLKBLKEFO](#)