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SERIES R4 SWITCHES

ROCKER SWITCHES - ILLUMINATED



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	CIRCUIT	HOUSING COLOR	ACTUATOR COLOR	DOT LENS COLOR	MARKING	TERMINATION	LAMP VOLTAGE
R4							
	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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SPST

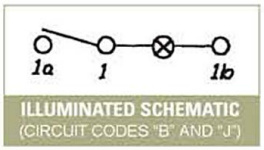


Circuit Code	POS 1	POS 2
A	ON	OFF
B	ON	OFF
F	(ON)	OFF
H	ON	(OFF)
J	ON	OFF
Term. Comm.	1-1a	OPEN

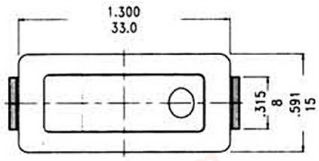
( ) = Momentary

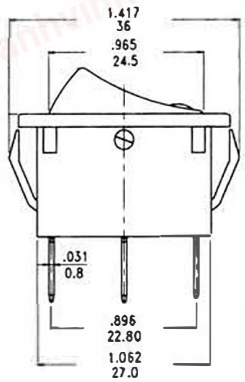


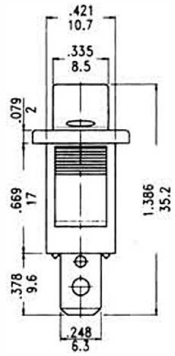
NON-ILLUMINATED SCHEMATIC



ILLUMINATED SCHEMATIC
(CIRCUIT CODES "B" AND "J")





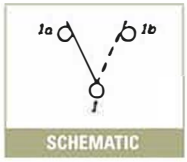


SPDT



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

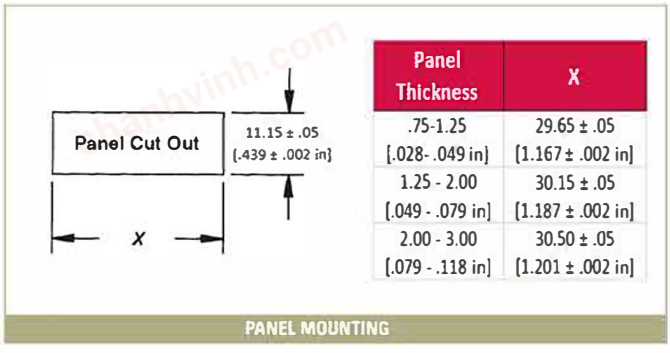
( ) = Momentary



SCHEMATIC

NOTE: Illumination not available for SPDT versions.

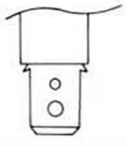
TERMINATION OPTIONS



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]

PANEL MOUNTING

F FASTON



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

MARKING OPTIONS

