



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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.



SERIES R4 SWITCHES

ROCKER SWITCHES - ILLUMINATED

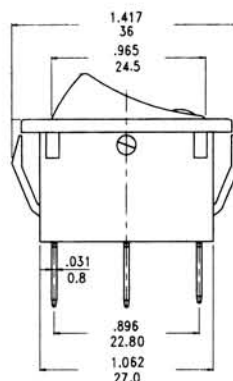
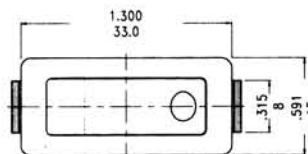
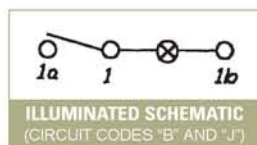
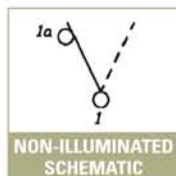
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

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

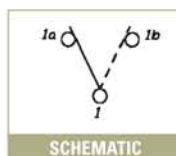


SPDT



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

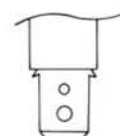
() = Momentary



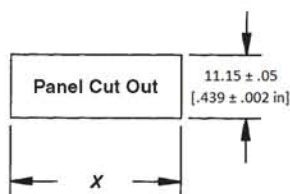
NOTE: Illumination not available for SPDT versions.

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

