



SERIES R5 SWITCHES

ROCKER SWITCHES - ILLUMINATED



SPECIFICATIONS

Contact Rating*:
 Versions D,G,I - 10A @ 250V, 15A @ 125VAC
 Versions A,B,C,E,F,H - 16A @ 250V AC, 1 HP
 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

FEATURES & BENEFITS

- ▶ Fully illuminated actuator option
- ▶ DPDT (double pole, double throw)
- ▶ Snap-in panel mount

APPLICATIONS/MARKETS

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



HOW TO ORDER

SERIES	CIRCUIT	HOUSING COLOR	ACTUATOR COLOR	MARKING	TERMINATION	LAMP VOLTAGE
R5	See Below	BLK = Black	BLK = Black 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
CIRCUIT CODE:						
A = DPST On-Off						
B = DPST On-Off Illuminated						
C = DPDT On-On						
D = DPDT On-Off-On						
E = OPDT On-(On)						
F = DPST Off-(On)						
G = DPDT (On)-Off-(On)						
H = DPDT On-None-(Off)						
I = OPDT On-Off-(On)						
[] = Momentary						

*Available for Illuminated Version Only

¹ Neon Bulb
² Incandescent Bulb



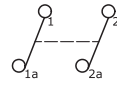
Example Ordering Number
 R5-C-WHT-BLK-C-F-3

Specifications subject to change without notice. 5/22/2019

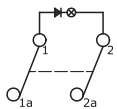
DPST



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



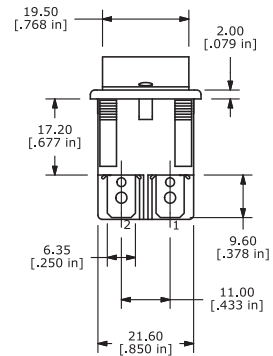
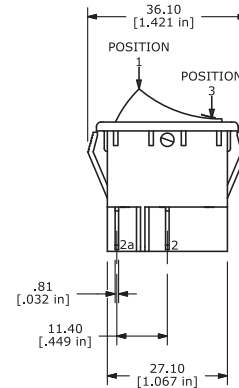
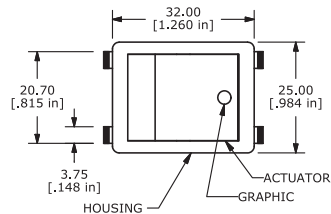
NON-ILLUMINATED SCHEMATIC



ILLUMINATED SCHEMATIC (CIRCUIT CODE 'B')

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

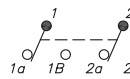
() = Momentary



DPDT



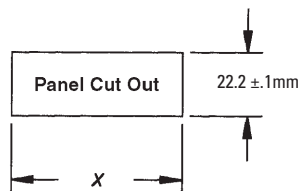
Circuit Code	POS 1 OFF	POS 2	POS 3
C	ON	NONE	ON
D	ON	OFF	ON
E	ON	NONE	(ON)
G	(ON)	OFF	(ON)
I	ON	OFF	(ON)
Term. Comm.	1-1a, 2-2a	OPEN	1-1b



SCHEMATIC

NOTE: Illumination not available for DPDT versions.

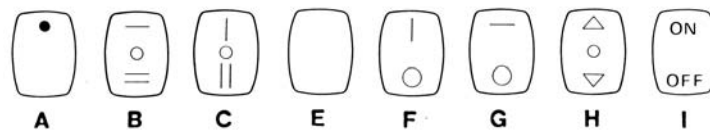
() = Momentary



Panel Thickness	X mm (inch)
.75 - 1.25 (.030)-(0.049)	30.0±.2 (1.181)
1.25 - 2.00 (.049)-(0.079)	30.2±.2 (1.189)
2.00 - 3.00 (.079)-(1.118)	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](#) [R5BBLKREDF2](#) [R5ABLKBLKFF0](#)
[R5ABLKBLKEF0](#) [R5BBLKREDF3](#) [R5BBLKGRNFF1](#) [R5BBLKGRNFF3](#) [R5BBLKREDEF1](#) [R5BBLKREDF1](#)
[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](#)