SERIES R5 SWITCHES

ROCKER SWITCHES - ILLUMINATED



SPECIFICATIONS

Contact Rating*:	Versions D,G,I - 10A @ 250V, 15A @ 125V AC Versions A,B,C,E,F,H - 16A @ 250V AC, 1HP 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
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 *Available for Illuminated Version Only	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] [1] Neon Bulb [2] LED

CIRCUIT CODE:

A = DPST On-Off
B = DPST On-Off Illuminated
C = DPDT On-On
D = DPDT On-Off-On
E = DPDT On-(On)
F = DPST Off-(On)
G = DPDT (On)-Off-(On)
H = DPDT On-None-(Off)
I = DPDT On-Off-(On)

( ) = Momentary

Example Ordering Number

R5–C–WHT–BLK–C–F–3

Specifications subject to change without notice. 11/11/2021

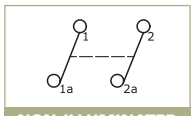
DPST



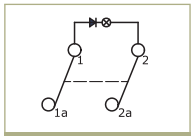
Circuit Code	POS 1	POS 2
A	ON	OFF
B	ON	OFF Illum.
F	(ON)	OFF
H	ON	(OFF)
Term. Comm.	1-1a, 2-2a	OPEN

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

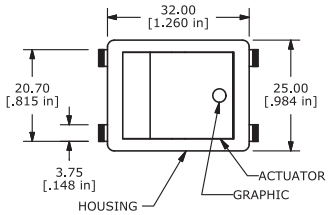
( ) = Momentary



NON-ILLUMINATED SCHEMATIC



ILLUMINATED SCHEMATIC (CIRCUIT CODE 'B')

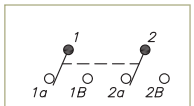


DPDT



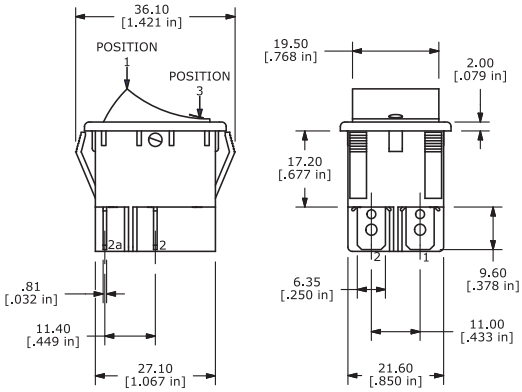
Circuit Code	POS 1	POS 2	POS 3
C	ON	NONE	ON
D	ON	OFF	ON
E	ON	NONE	(ON)
G	(ON)	OFF	(ON)
I	ON	OFF	(ON)
Term. Comm.	1-1a, 2-2a	OPEN	1-1b

( ) = Momentary

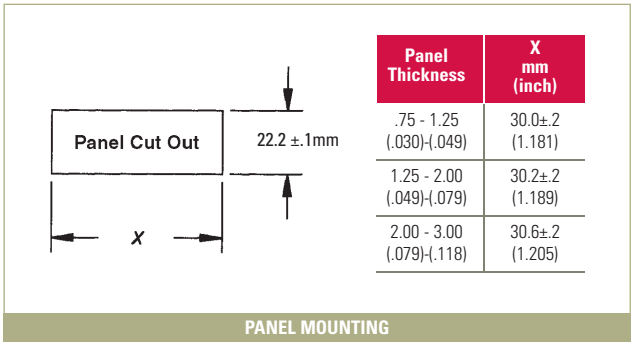


SCHEMATIC

NOTE: Illumination not available for DPDT versions.



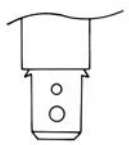
TERMINATION OPTIONS



Panel Thickness	X mm (inch)
.75 - 1.25 (.030)-(.049)	30.0±.2 (1.181)
1.25 - 2.00 (.049)-(.079)	30.2±.2 (1.189)
2.00 - 3.00 (.079)-(.118)	30.6±.2 (1.205)

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

