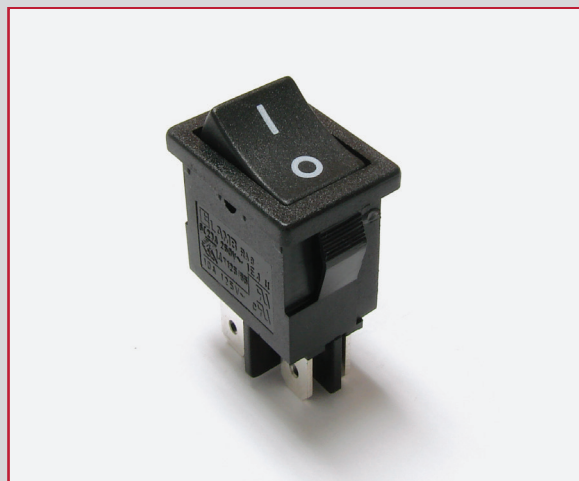
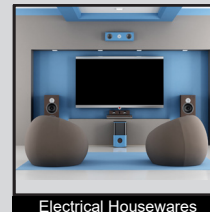
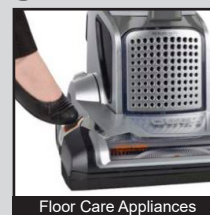
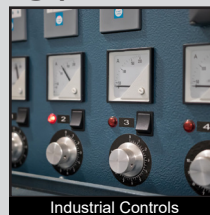


RA8 SERIES ROCKER SWITCH

ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



APPLICATIONS / MARKETS



RoHS

SPECIFICATIONS

Electrical Rating:

Option 3: 10A 125VAC [cURus]

6(2)A 250VAC T125/55 1E4 [ENEC]

Option C: 16A @ 125VAC 1/3HP T105 [cURus]

10A @ 250VAC 1/3HP T105 [cURus]

10(4)A 250V~ 1E4 T125/55 [ENEC]

10(2)A 250V~ 5E4 T85/55 [ENEC]

Operating Temperature: -20°C to 55°C

Electrical Life: 10,000 Cycles

Mechanical Life: 100,000 Cycles

Contact Resistance: 35mΩ Max. at 500VDC

Insulation Resistance: 500MΩ Min. at 500VDC

Dielectric Strength: 1,500VAC for 1 min.

FEATURES & BENEFITS

- High Contact Rating Switch
- Industry Standard 13mm x 19mm Cutout
- Illumination Options
- Multiple Marking Options
- Multiple Terminal Options
- 1 or 2 Pole Maintained Functions

PART NUMBER CONFIGURATOR

Series	Terminal	Function	Rating	Body Color	Actuator Color	Marking Color	Marking Type	Lens Style	Lens Color	Lamp Voltage
RA8	1 - 4.8mm Tab 3 - PCB Pins	1 - 1 Pole Off-On 2 - 2 Pole Off-On	3 - 10A 125VAC C - 16A 125VAC	1 - Black 2 - White 4 - Grey 9 - Red	0 - Illuminated 1 - Black 2 - White 4 - Grey 9 - Red	0 - None 1 - Black 2 - White 8 - Red	0 - None 1 - I/O Vertical 3 - ON-OFF Vertical 4 - ON-OFF Horizontal R - I/O Horizontal	None - Not Illuminated 1 - Full	None - Not Illuminated 0 - White 1 - Red 2 - Orange 3 - Green	None - Not Illuminated 3 - 6V 4 - 12V 6 - 125V 7 - 250V

Notes:

Custom Colors and Markings Available Upon Request

Specifications subject to change without notice 10.29.2018



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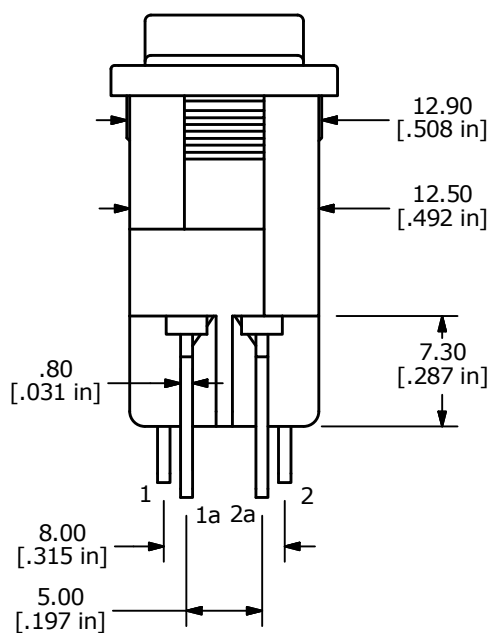
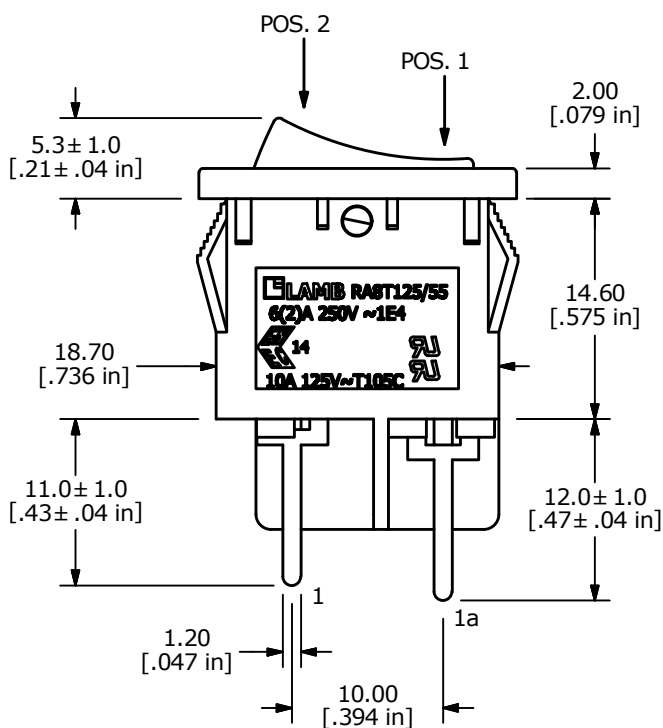
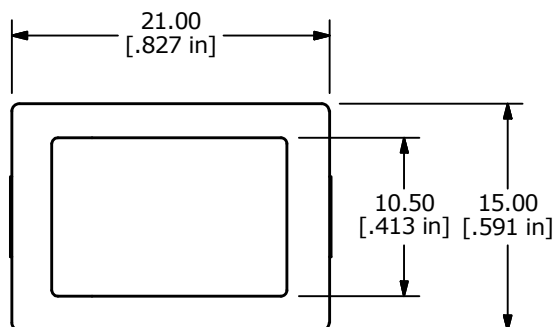
800.867.2717

1

RA8 SERIES ROCKER SWITCH

BODY DIMENSIONS

FUNCTION - 2 POLE /
TERMINAL - 3 (PCB Pins) / LENS STYLE - NONE



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2

ANTI-VANDAL
SWITCHES

DETECTOR
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

ROCKER
SWITCHES

ROTARY
SWITCHES

SLIDE
SWITCHES

SNAP ACTION
SWITCHES

TACTILE
SWITCHES

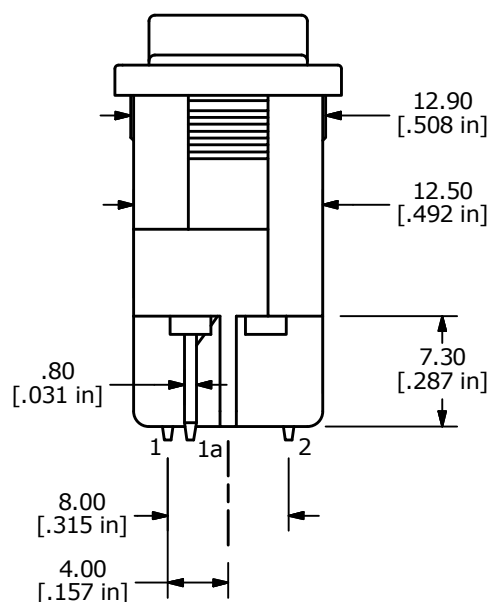
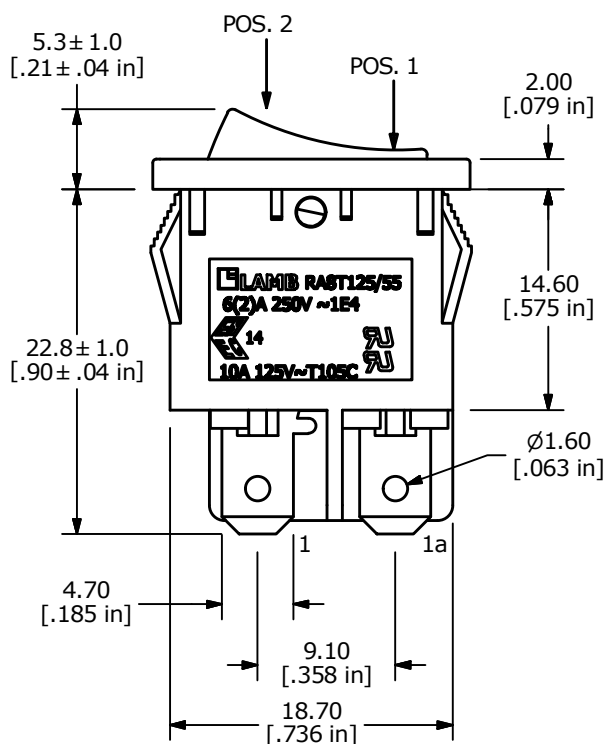
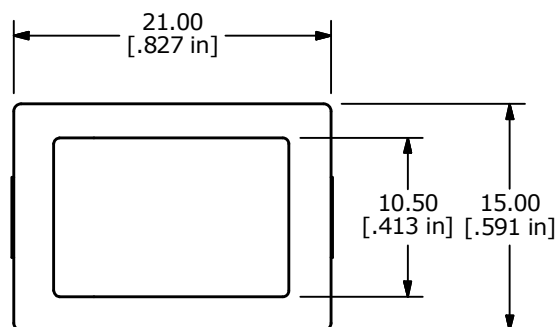
TOGGLE
SWITCHES

CAP
OPTIONS

RA8 SERIES ROCKER SWITCH

BODY DIMENSIONS

FUNCTION - 1 POLE /
TERMINAL - 1 (4.8mm TAB) / LENS STYLE - 1 FULL ILLUMINATION



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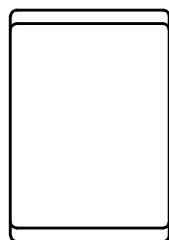
www.e-switch.com

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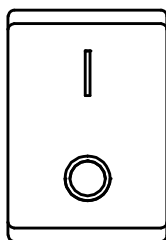
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RA8 SERIES ROCKER SWITCH

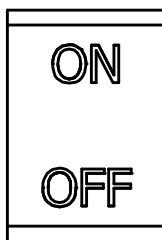
MARKING TYPE



0 - NONE



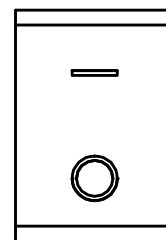
1 - I/O
VERTICAL



3 - ON-OFF
VERTICAL

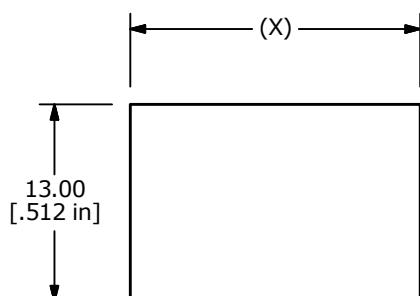


4 - ON-OFF
HORIZONTAL

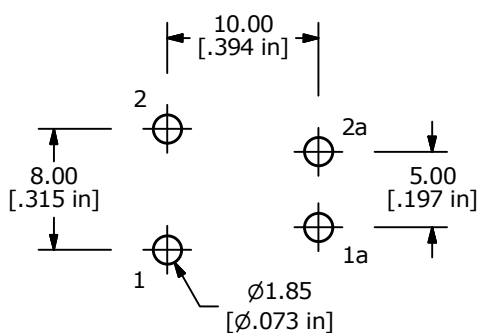


R - I/O
HORIZONTAL

PANEL CUT OUT, PCB LAYOUT, & SCHEMATICS

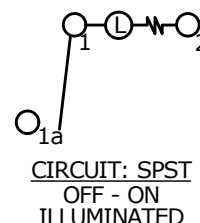
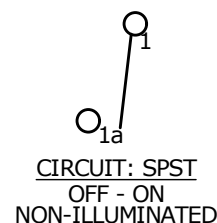


PANEL THICKNESS	X
0.75 - 1.25	19.2
1.25 - 2.00	19.4
2.00 - 3.00	19.6

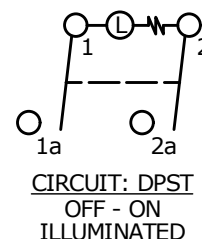
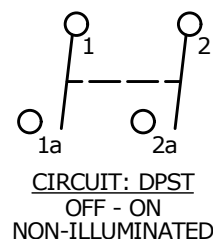


RECOMMENDED PANEL CUTOUT AND PCB LAYOUT

SWITCH FUNCTION	
POS. 1	POS. 2
OFF	ON
OPEN	1-1a, 2



SWITCH FUNCTION	
POS. 1	POS. 2
OFF	ON
OPEN	1-1a, 2-2a



SCHEMATIC OPTIONS



Mouser Electronics

Authorized Distributor

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

E-Switch:

[RA811C1021-117](#) [RA811C1100](#) [RA812C1000-127](#) [RA812C1021-116](#) [RA812C1100](#) [RA812C1121](#) [RA852C1028-137](#) [RA852C112R](#) [RA81231121](#) [RA852C1000-117](#) [RA852C1000-127](#) [RA812E1121](#) [RA812C1028-136](#)
[RA811CQQ00](#) [RA811C1000-127](#) [RA811C2200](#) [RA852C1021-137](#) [RA812C1900](#) [RA811C3300](#) [RA81231018-137](#)