



# SERIES LA SWITCHES

## PUSHBUTTON SWITCHES - SEALED ILLUMINATED



### SPECIFICATIONS

Contact Rating:	5A @ 250 VAC 8A @ 125 VAC 2A @ 250 VDC 6A @ 24 VDC
Life Expectancy (Mechanical):	≥ 100,000 cycles
Life Expectancy (Electrical):	≥ 50,000 cycles
Contact Resistance:	100mΩ max. typical; initial @ 2-4 VDC
Insulation Resistance:	> 1,000MΩ
Dielectric Strength:	> 1,500 volts 1 minute > 3,000 volts between poles
Actuation Force:	300g / pole
Operating Temperature:	-20°C to 55°C
Degree of Protection:	IP65

### FEATURES & BENEFITS

- ▶ Modular interface/contact block design
- ▶ Robust product for industrial applications
- ▶ Attractive front panel design
- ▶ Illuminated options available

### APPLICATIONS/MARKETS

- ▶ Industrial controls
- ▶ Instrumentation
- ▶ Transportation
- ▶ Telecommunications

### MATERIALS

Switch Housing:	Polyetherimide (PEI)
Contact Housing:	Diallyl Phthalate (DAP)
Actuator Ring:	Polycarbonate (PC)
Lens:	Polycarbonate (PC)
Contacts:	Silver plated copper alloy
Terminals:	Silver plated copper alloy



### HOW TO ORDER

SERIES LA	TERMINATION	MECHANICAL CONFIGURATION	PUSHBUTTON HEAD	CIRCUIT	LAMP TYPE & VOLTAGE	LAMP COLOR (WHERE APPLICABLE)	LENS COLOR
	S = Solder Lug  K = Socket  P = Pilot Indicator	EE = Latching  OA = Momentary  PL* = Pilot Indicator  *For LAP (Pilot Indicator)	U1 = Ø29mm  V1 = Ø25mm  U3* = Ø29mm  V3* = Ø25mm  *Flush Mount	0* = Pilot Ind. 1** = SPDT 2 = DPDT 3 = 3PDT 4 = 4PDT  *For LAP (Pilot Indicator only)  **LAK available SPDT only	0 = None A B C F G  H J K  M N L D E	Red Grn  Red Grn Yel	RED = Red GRN = Green BLU = Blue WHT = White ORG = Orange YEL = Yellow



### Example Ordering Number

LA-S-EE-U1-1-0-RED

Specifications subject to change without notice.

### LAMP TYPE & VOLTAGE OPTIONS

0	:	Without lamp
A	:	Incandescent 6 V AC/DC 200 mA
B	:	Incandescent 14 V AC/DC 80 mA
C	:	Incandescent 28 V AC/DC 40 mA
D	:	Incandescent 48 V AC/DC 25 mA
E	:	Incandescent 60 V AC/DC 20 mA
F	:	Neon 110 V AC green/red
G	:	Neon 220 V AC green/red

### LAMP TYPE & VOLTAGE OPTIONS

H	:	LED 6 V DC green/yellow/red
J	:	LED 12 V DC green/yellow/red
K	:	LED 24 V DC green/yellow/red
L	:	Incandescent 33 V AC/DC 35 mA
N	:	Incandescent 14 V AC/DC 40 mA
M	:	Incandescent 6 V AC/DC 40 mA

# SERIES LA SWITCHES

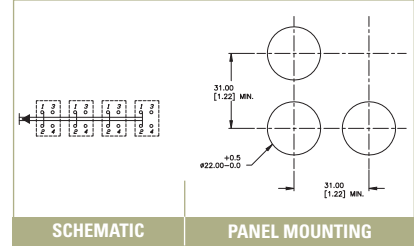
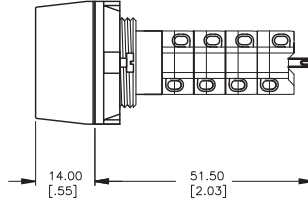
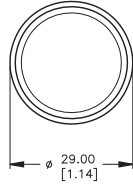
## PUSHBUTTON SWITCHES - SEALED ILLUMINATED

### TERMINATION & PUSHBUTTON HEAD OPTIONS

#### LAS

SOLDER LUG

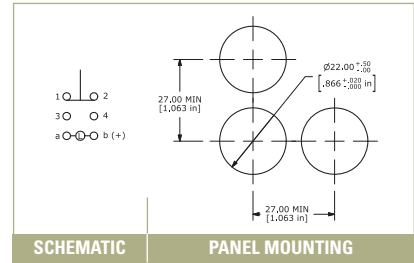
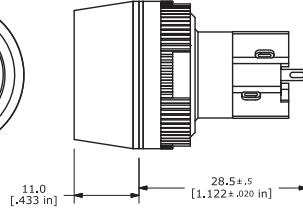
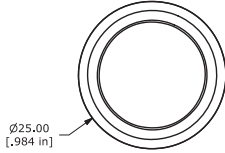
U1 Ø29mm



SCHEMATIC

PANEL MOUNTING

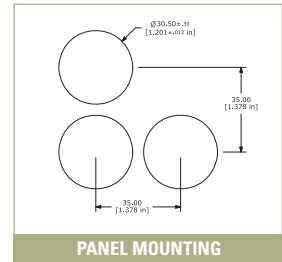
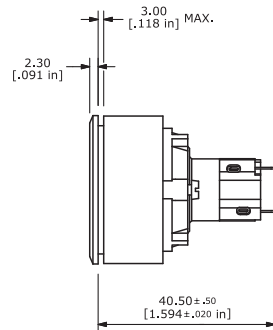
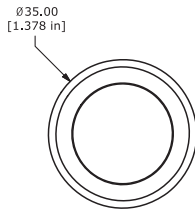
V1 Ø25mm



SCHEMATIC

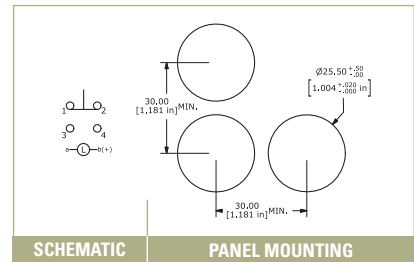
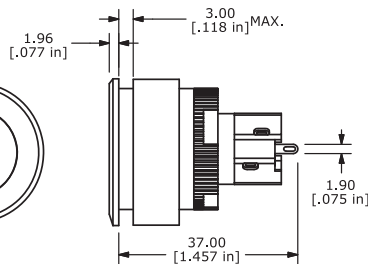
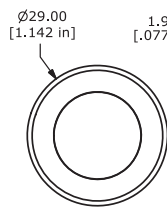
PANEL MOUNTING

U3



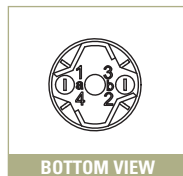
PANEL MOUNTING

V3



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PANEL MOUNTING



BOTTOM VIEW

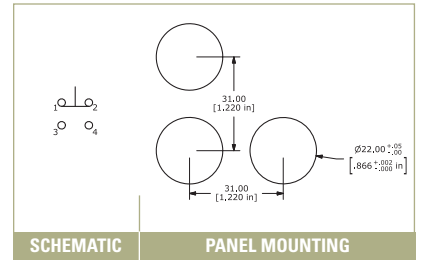
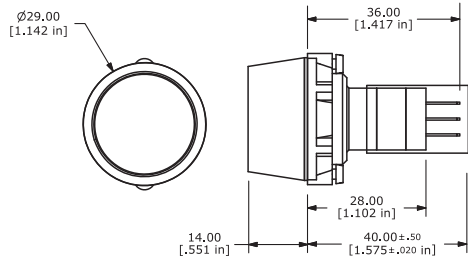
	Mounting Length (A)
SPDT	29.0 mm
DPDT	36.5 mm
3PDT	44.0 mm
4PDT	51.5 mm

# TERMINATION & PUSHBUTTON HEAD OPTIONS

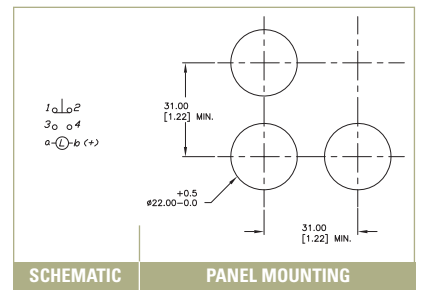
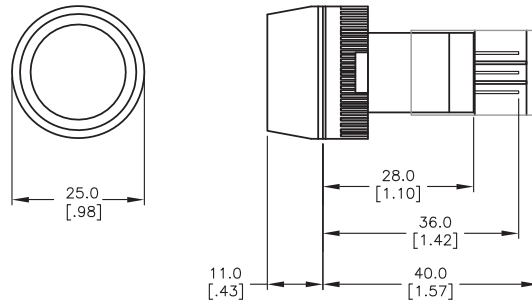
## LAK

SOCKET

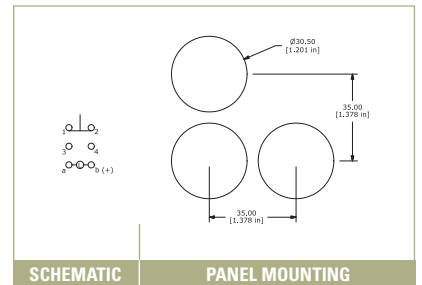
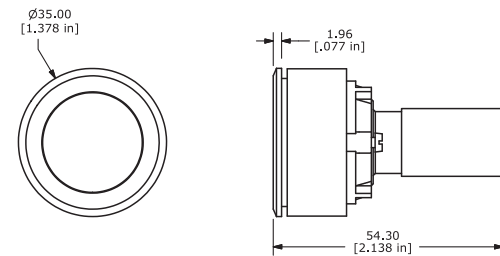
**U1** Ø29mm



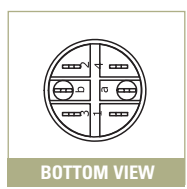
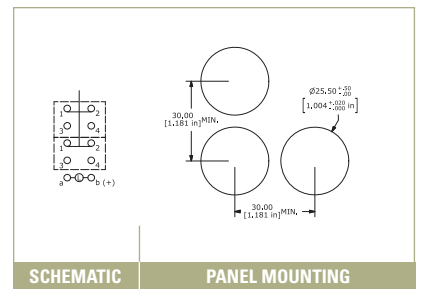
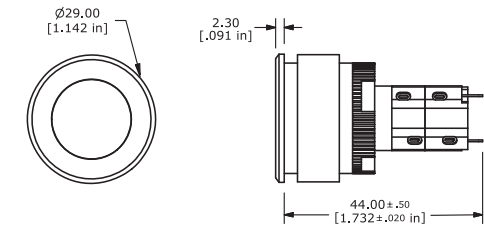
**V1** Ø25mm



**U3**



**V3**



TACT SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
TOGGLE SWITCHES  
ROCKER SWITCHES  
SLIDE SWITCHES  
SNAP-ACTION SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
ROTARY SWITCHES  
DETECTOR SWITCHES  
CAP OPTIONS

# SERIES LA SWITCHES

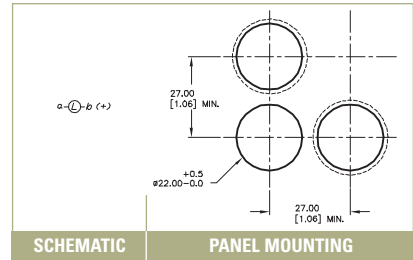
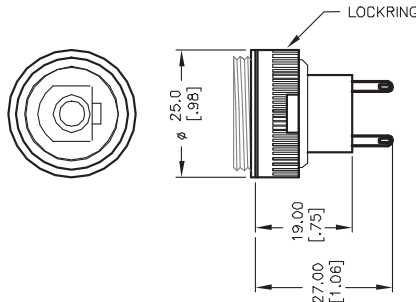
PUSHBUTTON SWITCHES - SEALED ILLUMINATED

## TERMINATION & PUSHBUTTON HEAD OPTIONS

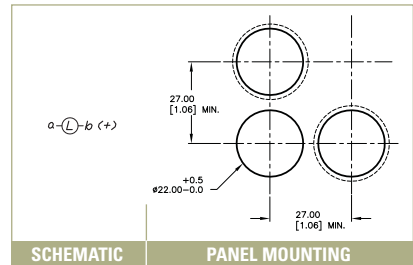
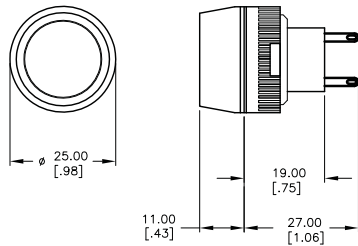
### LAP

PILOT INDICATOR

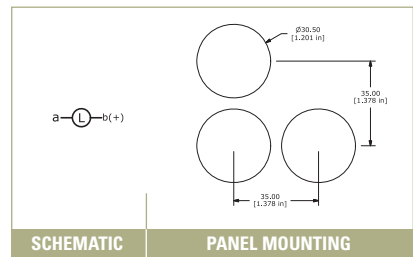
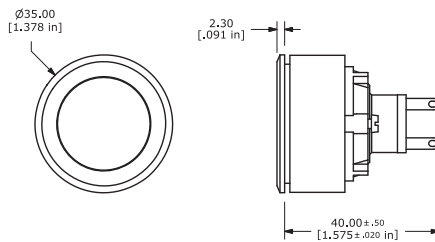
**U1** Ø29mm



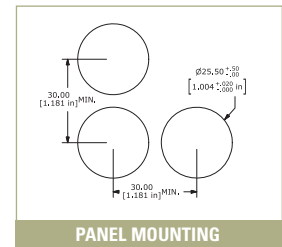
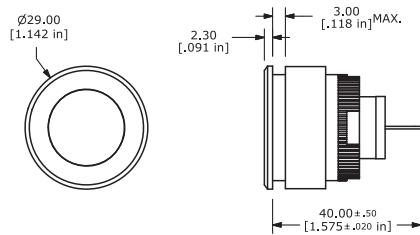
**V1** Ø25mm



**U3**



**V3**



## MECHANICAL CONFIGURATION & CIRCUIT OPTIONS

### 0 PILOT INDICATOR

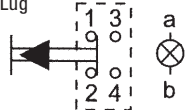
Available LAS Pilot Indicator



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### 1 SPDT

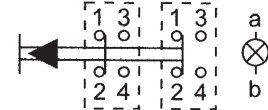
Available for LAK Socket Type and LAS Solder Lug



SCHEMATIC

### 2 DPDT

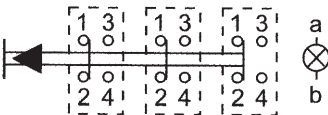
Available for LAS Solder Lug



SCHEMATIC

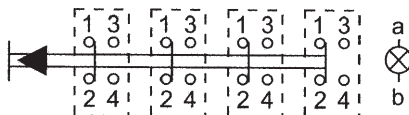
### 3 3PDT

Available for LAS Solder Lug



SCHEMATIC

### 4 4PDT



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#### Mechanical Configuration Code

EE	Latching
OA	Momentary
PL	Pilot Indicator