

PUSHBUTTON SWITCHES - SEALED ILLUMINATED



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

APPLICATIONS/MARKETS

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

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

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

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

SERIES LA SWITCHES

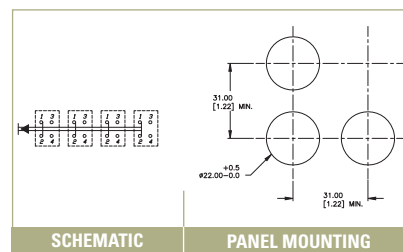
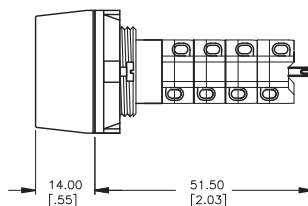
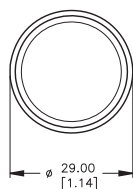
PUSHBUTTON SWITCHES - SEALED ILLUMINATED

TERMINATION & PUSHBUTTON HEAD OPTIONS

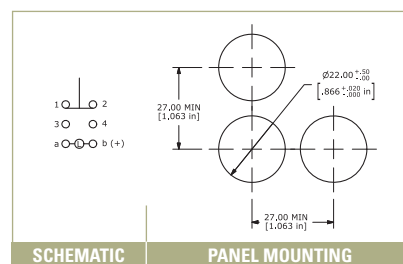
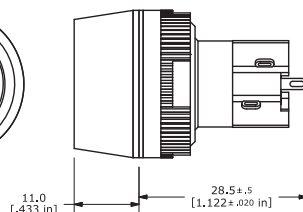
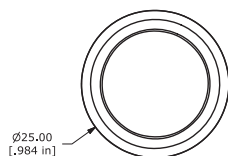
LAS

SOLDER LUG

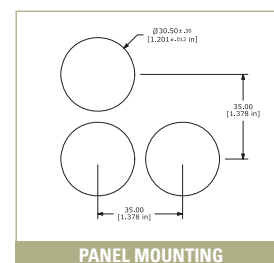
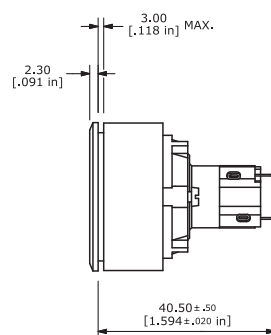
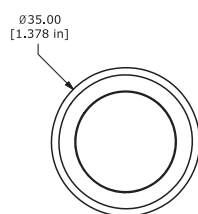
U1 Ø29mm



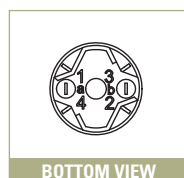
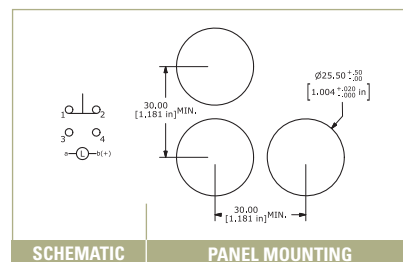
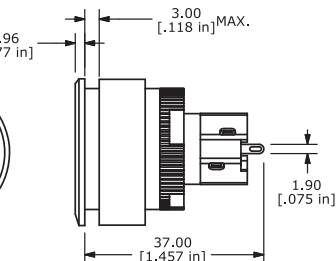
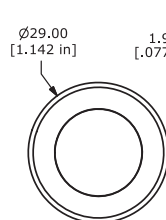
V1 Ø25mm



U3



V3



BOTTOM VIEW

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

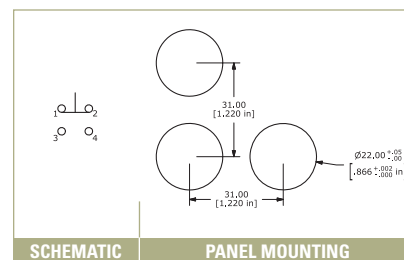
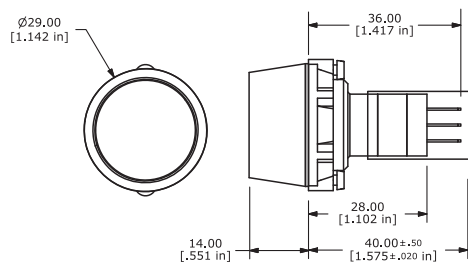


TERMINATION & PUSHBUTTON HEAD OPTIONS

LAK

SOCKET

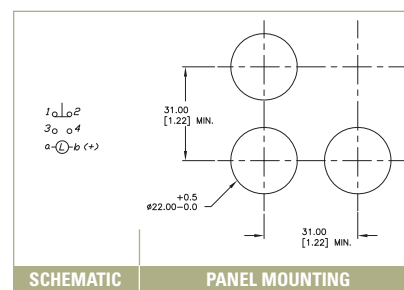
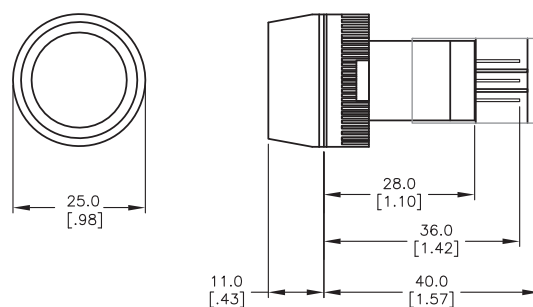
U1 Ø29mm



SCHEMATIC

PANEL MOUNTING

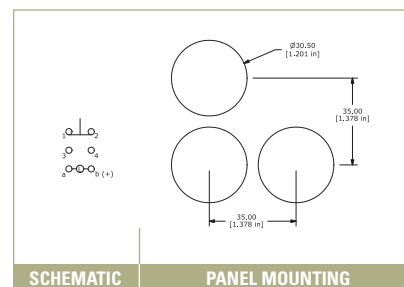
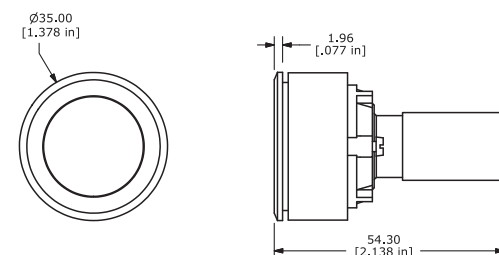
V1 Ø25mm



SCHEMATIC

PANEL MOUNTING

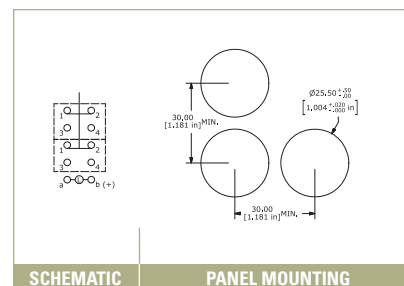
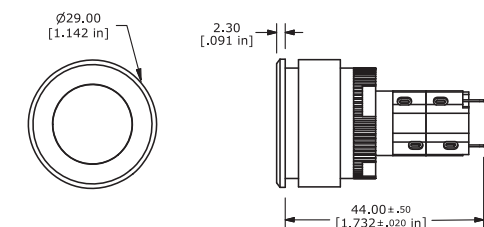
U3



SCHEMATIC

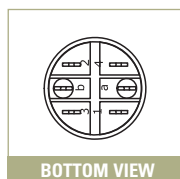
PANEL MOUNTING

V3



SCHEMATIC

PANEL MOUNTING



BOTTOM VIEW

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
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SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES LA SWITCHES

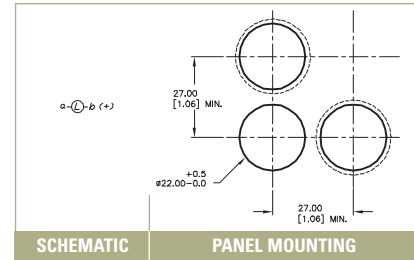
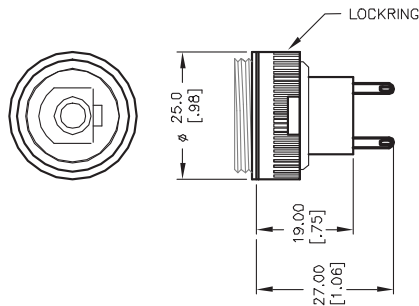
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TERMINATION & PUSHBUTTON HEAD OPTIONS

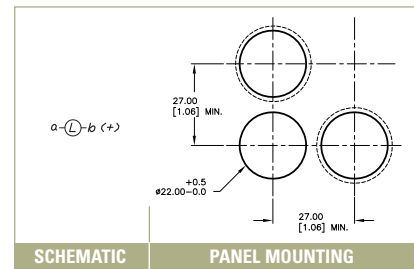
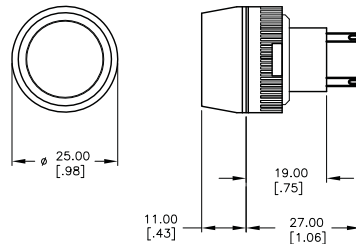
LAP

PILOT INDICATOR

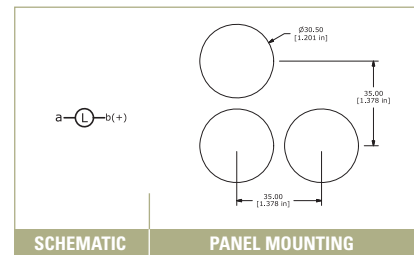
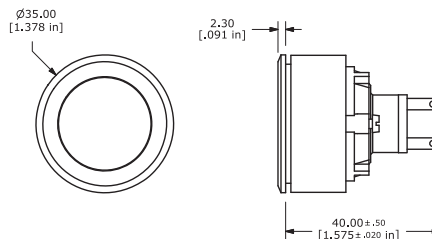
U1 Ø29mm



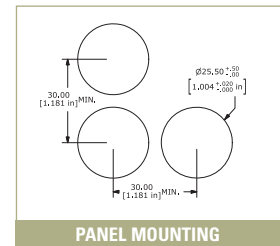
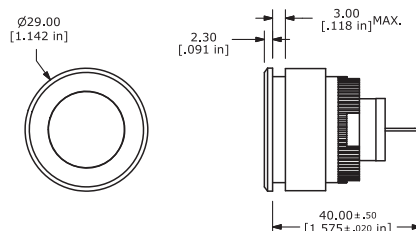
V1 Ø25mm



U3



V3



MECHANICAL CONFIGURATION & CIRCUIT OPTIONS

0 PILOT INDICATOR

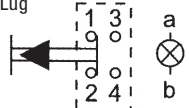
Available LAS Pilot Indicator



SCHEMATIC

1 SPDT

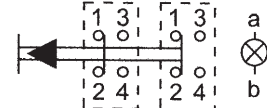
Available for LAK Socket Type and LAS Solder Lug



SCHEMATIC

2 DPDT

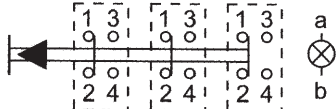
Available for LAS Solder Lug



SCHEMATIC

3 3PDT

Available for LAS Solder Lug



SCHEMATIC

4 4PDT



SCHEMATIC

Mechanical Configuration Code

EE	Latching
OA	Momentary
PL	Pilot Indicator

Mouser Electronics

Authorized Distributor

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

E-Switch:

[LASEEU110RED](#) [LASOAU120GRN](#) [LASOAV120RED](#) [LASOAV11BRED](#) [LAKEEV110G](#) [LAKOAU110BLU](#)
[LAKOAU110GRN](#) [LAKOAU110RED](#) [LAKOAU110YEL](#) [LASEEV110G](#) [LASEEV110R](#) [LASEEV110YEL](#)
[LASEEV120RED](#) [LASOAU110BLU](#) [LASOAU110GRN](#) [LASOAU110RED](#) [LASOAU120RED](#) [LASOAV110BLU](#)
[LASOAV110GRN](#) [LASOAV110RED](#) [LASOAV110YEL](#) [LASOAV120BLU](#) [LAKOAU31BORG](#) [LAKOAV11KYELYEL](#)
[LASOAV11KGRNGRN](#) [LASOAV11KREDRED](#) [LAKOAU31BGRN](#) [LAKOAU31BBLU](#) [LASOAV11KYELYEL](#)
[LAKOAU31BYEL](#) [LAKOAU31BRED](#) [LAKOAV11JREDRED](#) [LAKEEU11JGRNGRN](#) [LAKOAV110GRN](#)
[LAKEEV11JGRNGRN](#) [LAKEEU11JREDBLU](#) [LAKEEV11JREDBLU](#) [LAKOAV110BLU](#) [LAKOAV11JYELYEL](#)