

SERIES LA SWITCHES

PUSHBUTTON SWITCHES - SEALED ILLUMINATED



E-SWITCH®



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

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 Red G Grn H Red J Grn K Yel M N L D E	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
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

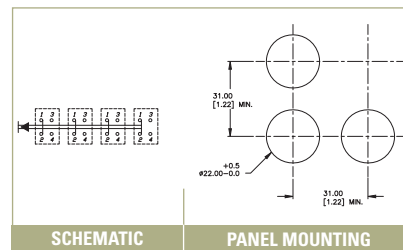
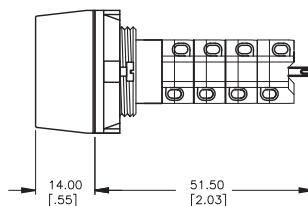
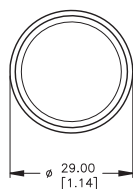
PUSHBUTTON SWITCHES - SEALED ILLUMINATED

TERMINATION & PUSHBUTTON HEAD OPTIONS

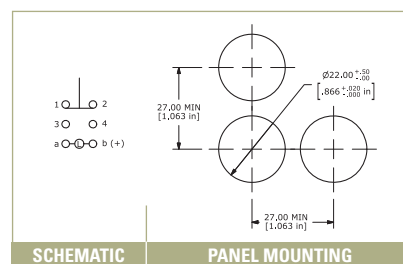
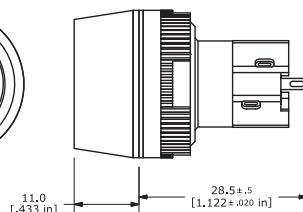
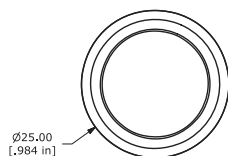
LAS

SOLDER LUG

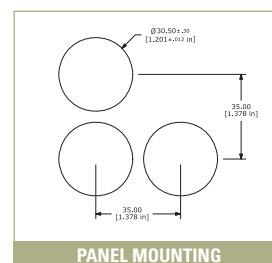
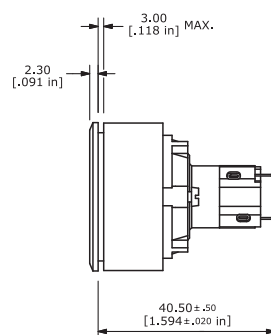
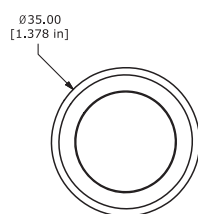
U1 Ø29mm



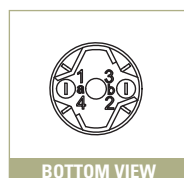
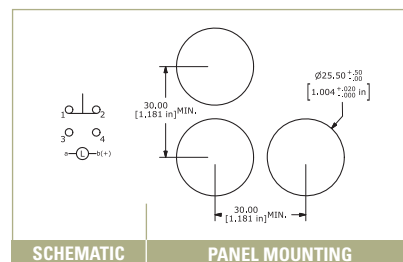
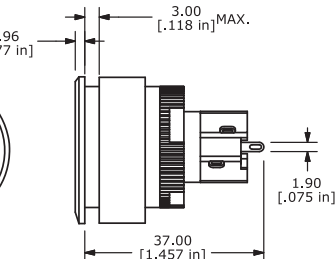
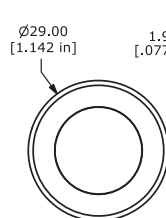
V1 Ø25mm



U3



V3



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

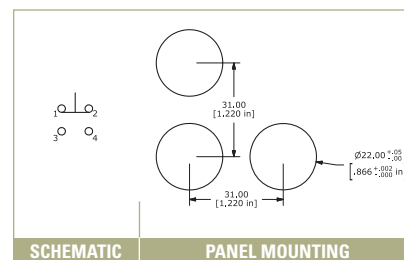
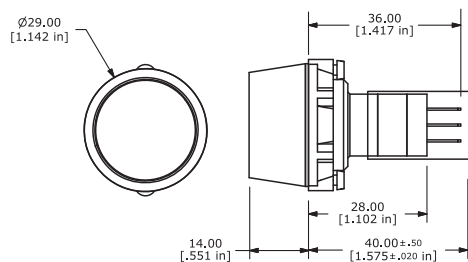


TERMINATION & PUSHBUTTON HEAD OPTIONS

LAK

SOCKET

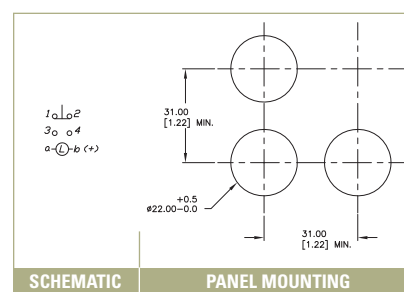
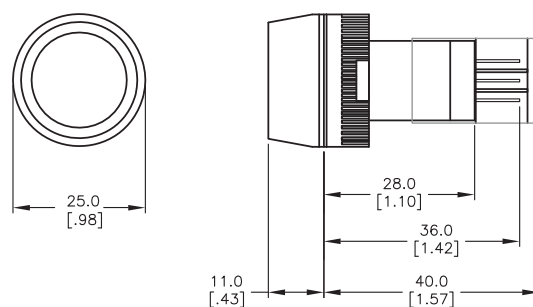
U1 Ø29mm



SCHEMATIC

PANEL MOUNTING

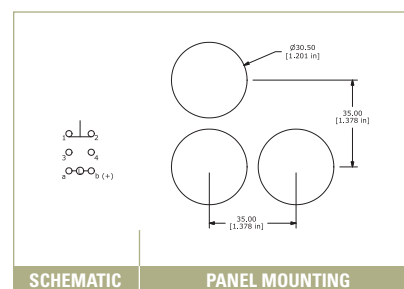
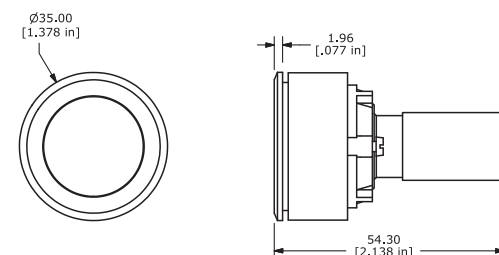
V1 Ø25mm



SCHEMATIC

PANEL MOUNTING

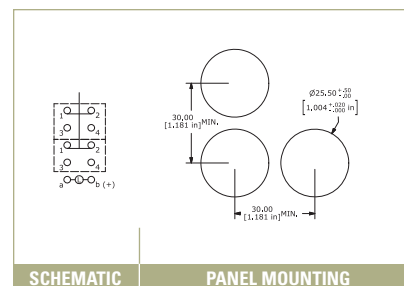
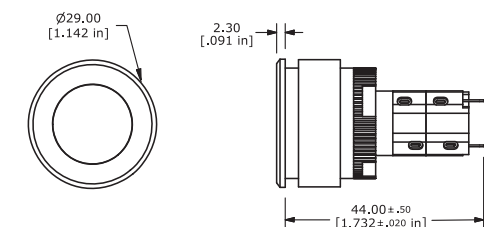
U3



SCHEMATIC

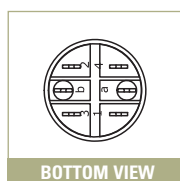
PANEL MOUNTING

V3



SCHEMATIC

PANEL MOUNTING



BOTTOM VIEW

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

SERIES LA SWITCHES

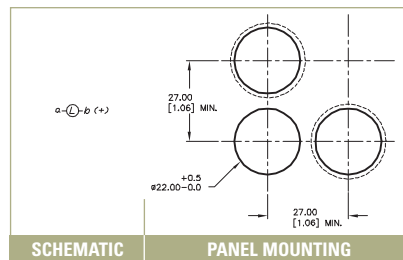
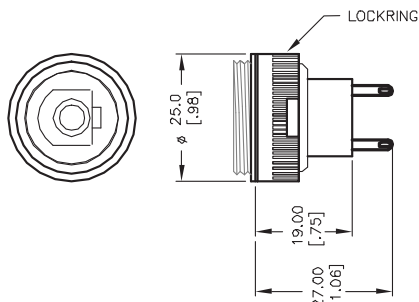
PUSHBUTTON SWITCHES - SEALED ILLUMINATED

TERMINATION & PUSHBUTTON HEAD OPTIONS

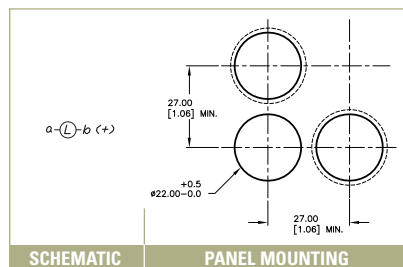
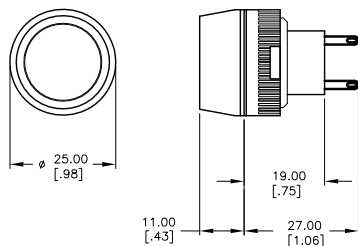
LAP

PILOT INDICATOR

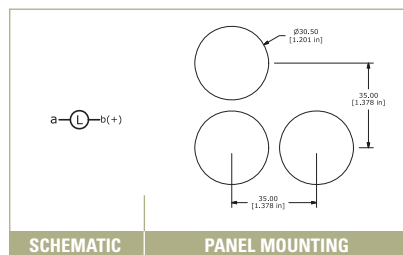
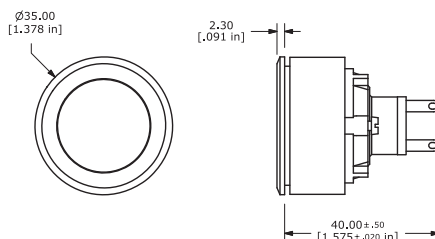
U1 Ø29mm



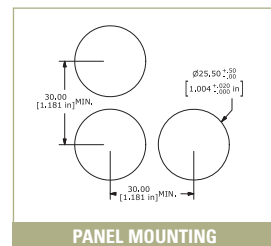
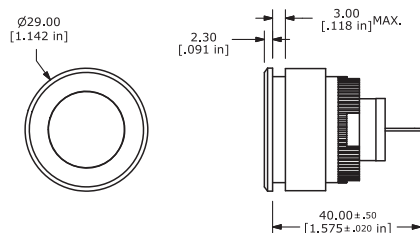
V1 Ø25mm



U3



V3



MECHANICAL CONFIGURATION & CIRCUIT OPTIONS

0 PILOT INDICATOR

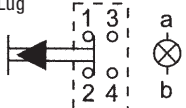
Available LAS Pilot Indicator



SCHEMATIC

1 SPDT

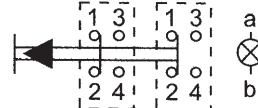
Available for LAK Socket Type and LAS Solder Lug



SCHEMATIC

2 DPDT

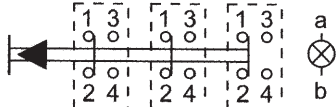
Available for LAS Solder Lug



SCHEMATIC

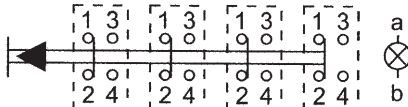
3 3PDT

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:

[LASEEV11JGRN](#) [LASEEV11JREDRED](#) [LA-S-OA-V3-1-H-GRN-GRN](#) [LAKEEU31KGRNGRN](#) [LAKEEV31JGRNGRN](#)
[LASOAU31JWHTBLU](#) [LAKEEU31FGRNGRN](#) [LAKEEU31HREDRED](#) [LAKEEV31BBLU](#) [LAKOAV31BBLU](#)
[LAPPLU30KGRNGRN](#) [LAPPLU30KREDRED](#) [LASEEU11JREDRED](#) [LASEEU31FGRNGRN](#) [LASEEU32KREDRED](#)
[LASEEU34KYELYEL](#) [LASEEV31ABLU](#) [LASEEV31ARED](#) [LASEEV31FREDRED](#) [LASEEV31HYELYEL](#)
[LASEEV31KGRNGRN](#) [LASEEV32CBLU](#) [LASEEV32HGRNGRN](#) [LASEEV32HREDRED](#) [LASEEV32JGRNGRN](#)
[LASEEV32KGRNGRN](#) [LASEEV32KYELYEL](#) [LASEEV33JGRNGRN](#) [LASOAU310RED](#) [LASOAU31BBLU](#)
[LASOAU31JYELBLU](#) [LASOAV31JGRNWHT](#) [LASOAV31KGRNGRN](#) [LASOAV31KREDRED](#) [LASOAV32JREDRED](#)
[LASOAV32KYELYEL](#) [LASOAV33JGRNGRN](#) [LA-S-OA-V3-1-K-GRN-WHT](#) [LASOAU31KYELYEL](#) [LASEEU110RED](#)
[LASEEU11CYEL](#) [LASEEU12JYELYEL](#) [LASEEV11BGRN](#) [LASEEV11JGRNGRN](#) [LASEEV11KYELYEL](#)
[LASEEV12CWHT](#) [LASEEV12KGRNGRN](#) [LASEEV14CGRN](#) [LASOAU11JREDRED](#) [LASOAU120GRN](#)
[LASOAV11AWHT](#) [LASOAV11FREDRED](#) [LASOAV11HREDRED](#) [LASOAV11HREDWHT](#) [LASOAV120RED](#)
[LASOAV12KGRNGRN](#) [LAKEEV11JREDRED](#) [LAKEEV11KGRNGRN](#) [LAKOAV11CGRN](#) [LAKOAV11HGRNGRN](#)
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