

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

SERIES LA SWITCHES

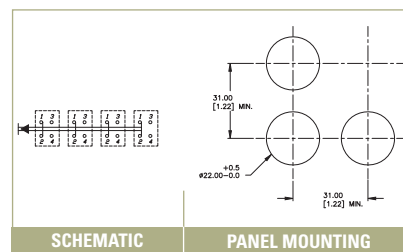
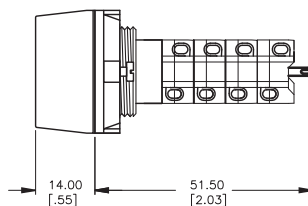
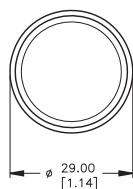
PUSHBUTTON SWITCHES - SEALED ILLUMINATED

TERMINATION & PUSHBUTTON HEAD OPTIONS

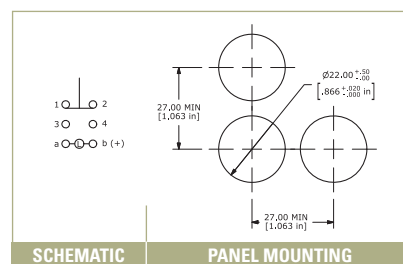
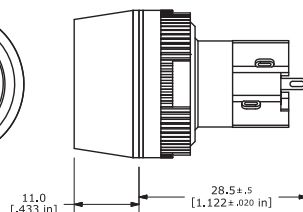
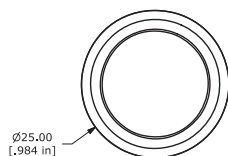
LAS

SOLDER LUG

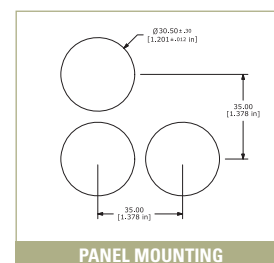
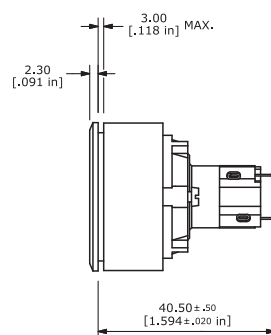
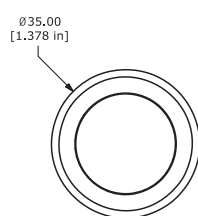
U1 Ø29mm



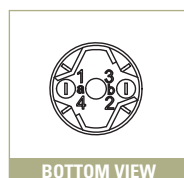
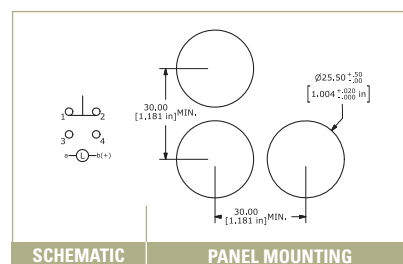
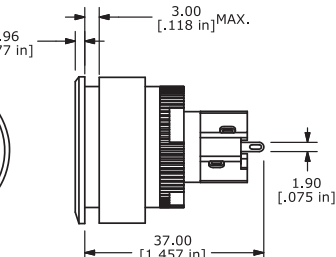
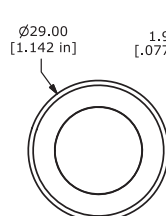
V1 Ø25mm



U3



V3



BOTTOM VIEW

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

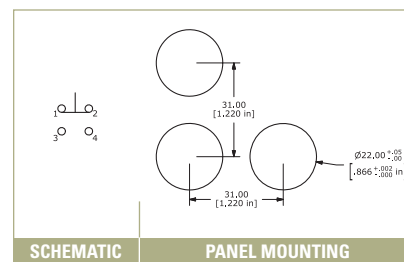
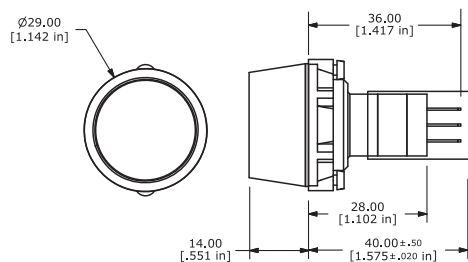


TERMINATION & PUSHBUTTON HEAD OPTIONS

LAK

SOCKET

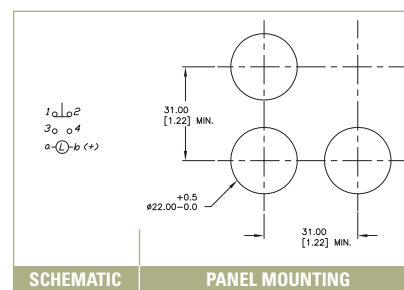
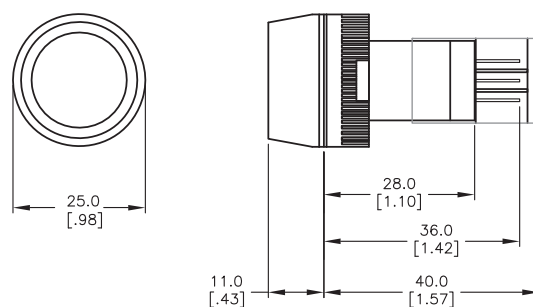
U1 Ø29mm



SCHEMATIC

PANEL MOUNTING

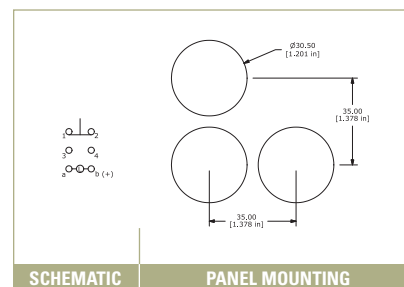
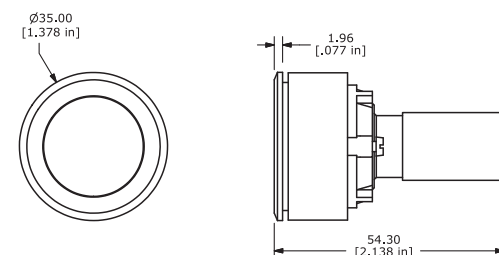
V1 Ø25mm



SCHEMATIC

PANEL MOUNTING

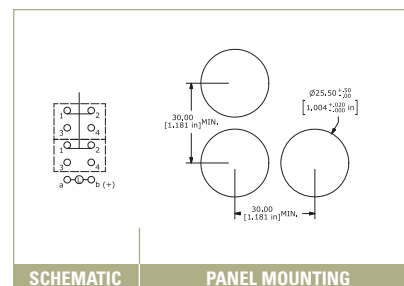
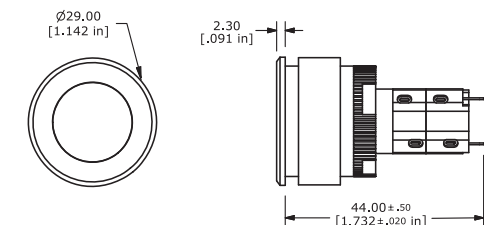
U3



SCHEMATIC

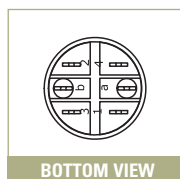
PANEL MOUNTING

V3



SCHEMATIC

PANEL MOUNTING



BOTTOM VIEW

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
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SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES LA SWITCHES

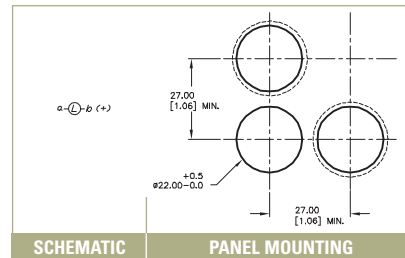
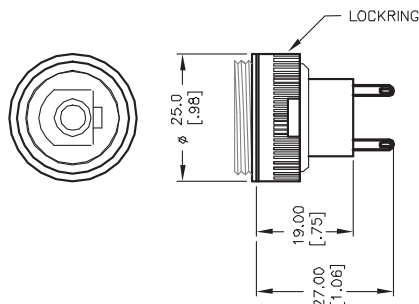
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TERMINATION & PUSHBUTTON HEAD OPTIONS

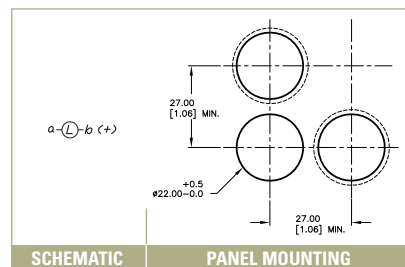
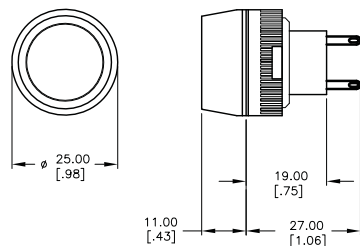
LAP

PILOT INDICATOR

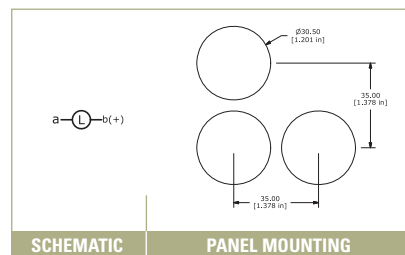
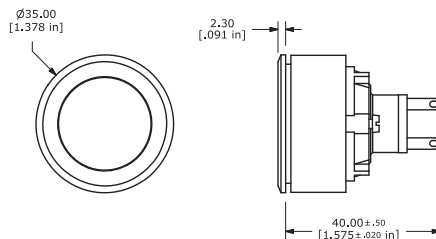
U1 Ø29mm



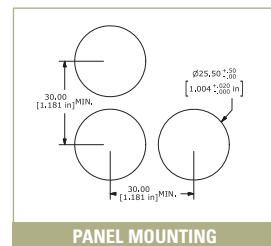
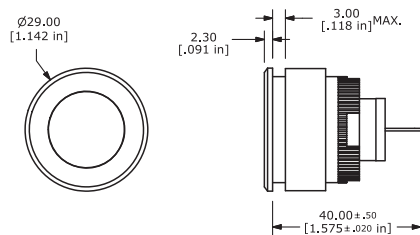
V1 Ø25mm



U3



V3



MECHANICAL CONFIGURATION & CIRCUIT OPTIONS

0 PILOT INDICATOR

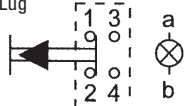
Available LAS Pilot Indicator



SCHEMATIC

1 SPDT

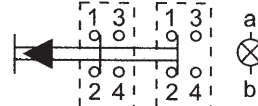
Available for LAK Socket Type and LAS Solder Lug



SCHEMATIC

2 DPDT

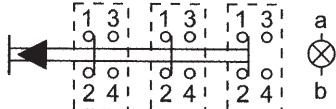
Available for LAS Solder Lug



SCHEMATIC

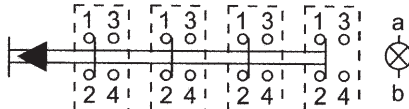
3 3PDT

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](#)