

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

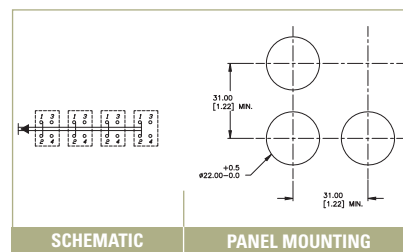
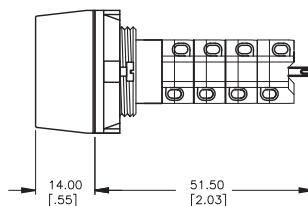
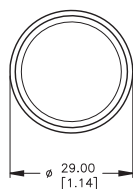
PUSHBUTTON SWITCHES - SEALED ILLUMINATED

TERMINATION & PUSHBUTTON HEAD OPTIONS

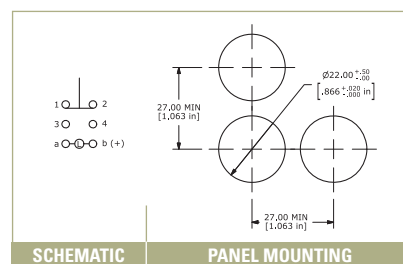
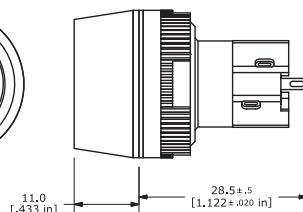
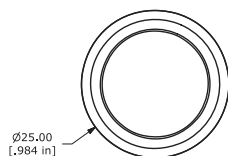
LAS

SOLDER LUG

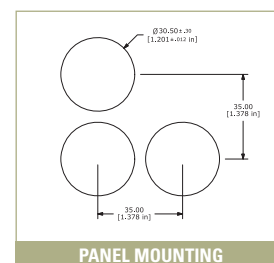
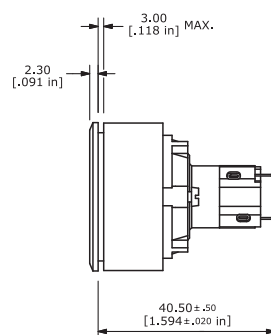
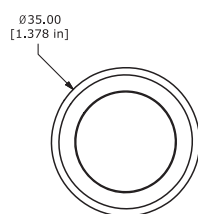
U1 Ø29mm



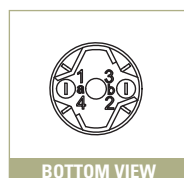
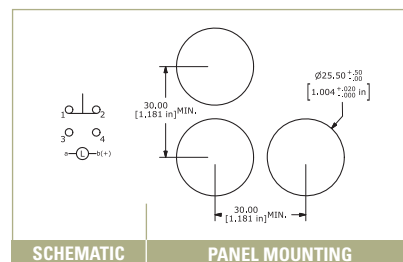
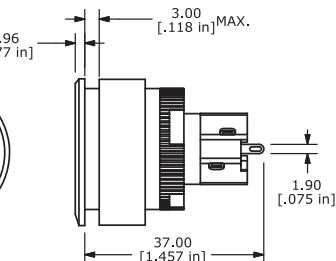
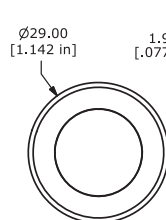
V1 Ø25mm



U3



V3



BOTTOM VIEW

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

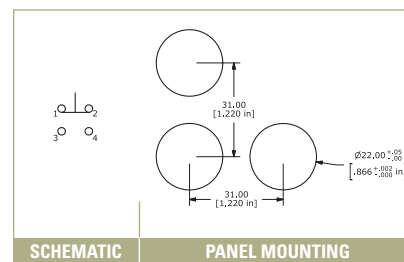
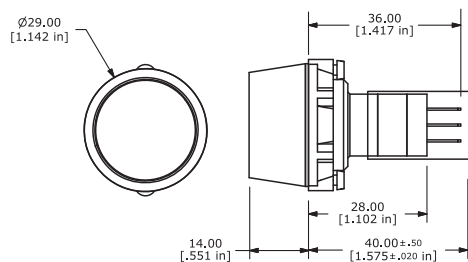


TERMINATION & PUSHBUTTON HEAD OPTIONS

LAK

SOCKET

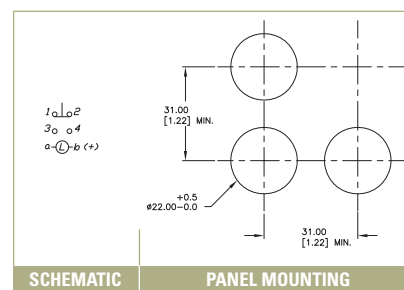
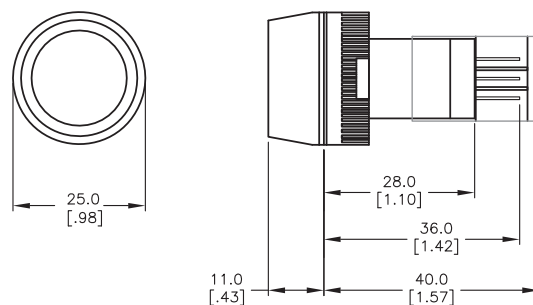
U1 Ø29mm



SCHEMATIC

PANEL MOUNTING

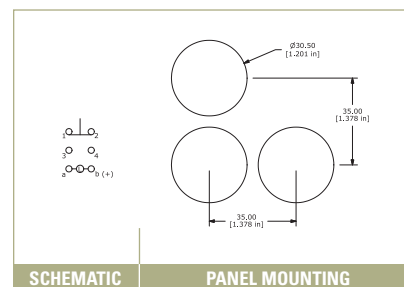
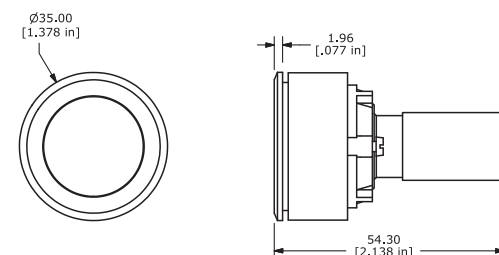
V1 Ø25mm



SCHEMATIC

PANEL MOUNTING

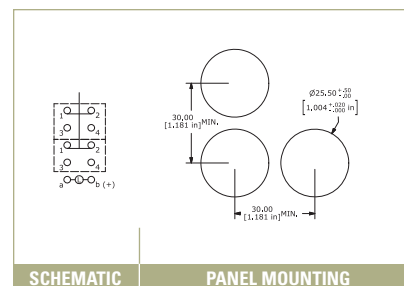
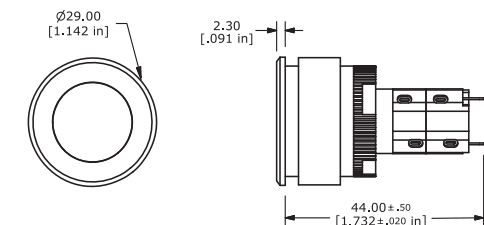
U3



SCHEMATIC

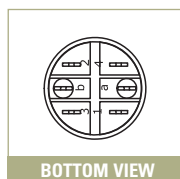
PANEL MOUNTING

V3



SCHEMATIC

PANEL MOUNTING



BOTTOM VIEW

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
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SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES LA SWITCHES

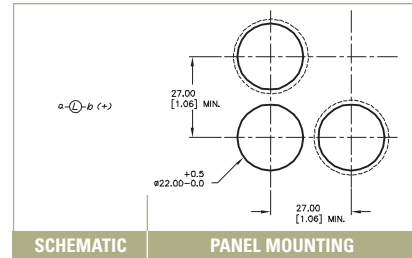
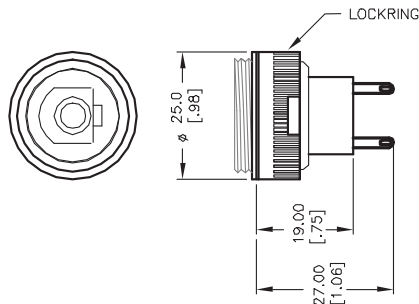
PUSHBUTTON SWITCHES - SEALED ILLUMINATED

TERMINATION & PUSHBUTTON HEAD OPTIONS

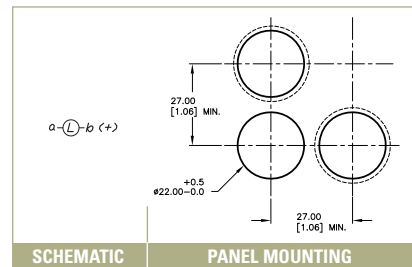
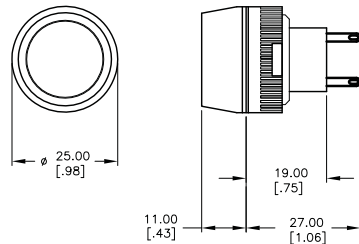
LAP

PILOT INDICATOR

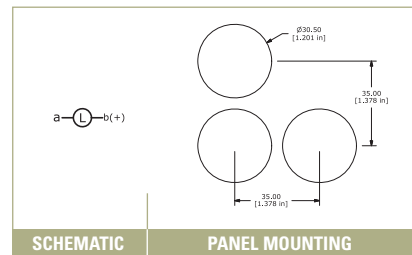
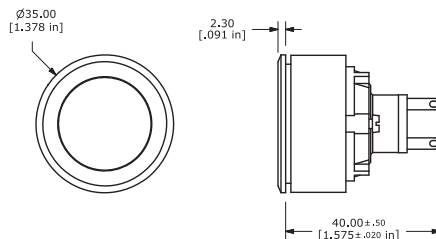
U1 Ø29mm



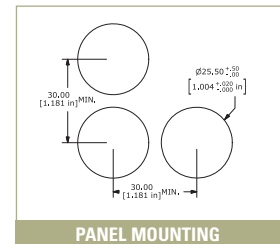
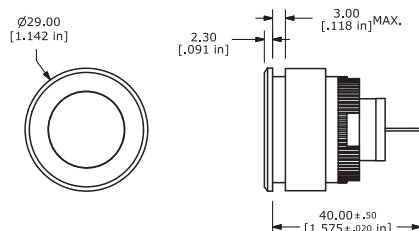
V1 Ø25mm



U3



V3



MECHANICAL CONFIGURATION & CIRCUIT OPTIONS

0 PILOT INDICATOR

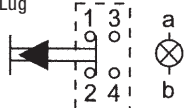
Available LAS Pilot Indicator



SCHEMATIC

1 SPDT

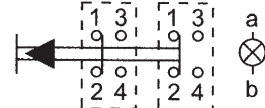
Available for LAK Socket Type and LAS Solder Lug



SCHEMATIC

2 DPDT

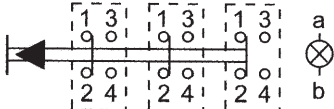
Available for LAS Solder Lug



SCHEMATIC

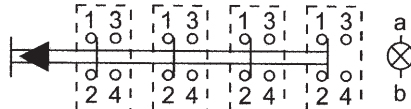
3 3PDT

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](#) [LASEEU11CYEL](#)
[LASEEU12JYELYEL](#) [LASEEV11BGRN](#) [LASEEV11JGRNGRN](#) [LASEEV11KYELYEL](#) [LASEEV12CWHT](#)
[LASEEV12KGRNGRN](#) [LASEEV14CGRN](#) [LASOAU11JREDRED](#) [LASOAV11AWHT](#) [LASOAV11FREDRED](#)
[LASOAV11HREDRED](#) [LASOAV11HREDWHT](#) [LASOAV12KGRNGRN](#) [LAKEEV11JREDRED](#) [LAKEEV11KGRNGRN](#)
[LAKOAV11CGRN](#) [LAKOAV11HGRNGRN](#) [LAPPLV10CRED](#) [LAPPLV10HGRNGRN](#) [LAKEEU11JREDRED](#)
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