

# 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<br>8A @ 125 VAC<br>2A @ 250 VDC<br>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<br>> 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<br>LA | TERMINATION                                                        | MECHANICAL<br>CONFIGURATION                                                                               | PUSHBUTTON<br>HEAD                                                                            | CIRCUIT                                                                                                                                                          | LAMP TYPE<br>& VOLTAGE                                                                                                                                             | LAMP COLOR<br>(WHERE APPLICABLE)                                                                                 | LENS<br>COLOR |
|--------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------|
|              | <p>S = Solder Lug</p> <p>K = Socket</p> <p>P = Pilot Indicator</p> | <p>EE = Latching</p> <p>OA = Momentary</p> <p>PL* = Pilot Indicator</p> <p>*For LAP (Pilot Indicator)</p> | <p>U1 = Ø29mm</p> <p>V1 = Ø25mm</p> <p>U3* = Ø29mm</p> <p>V3* = Ø25mm</p> <p>*Flush Mount</p> | <p>0* = Pilot Ind.</p> <p>1** = SPDT</p> <p>2 = DPDT</p> <p>3 = 3PDT</p> <p>4 = 4PDT</p> <p>*For LAP (Pilot Indicator only)</p> <p>**LAK available SPDT only</p> | <p>0 = None</p> <p>A</p> <p>B</p> <p>C</p> <p>F   Red</p> <p>G   Grn</p> <p>H   Red</p> <p>J   Grn</p> <p>K   Yel</p> <p>M</p> <p>N</p> <p>L</p> <p>D</p> <p>E</p> | <p>RED = Red</p> <p>GRN = Green</p> <p>BLU = Blue</p> <p>WHT = White</p> <p>ORG = Orange</p> <p>YEL = Yellow</p> |               |



### 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

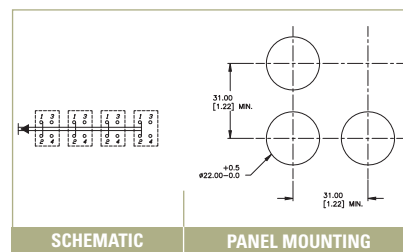
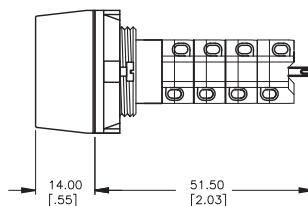
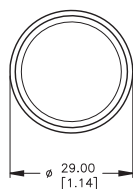
## PUSHBUTTON SWITCHES - SEALED ILLUMINATED

### TERMINATION & PUSHBUTTON HEAD OPTIONS

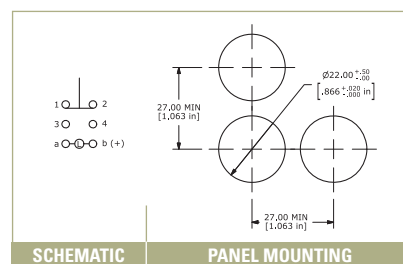
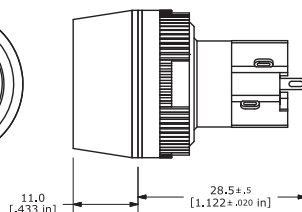
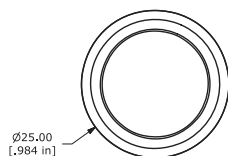
#### LAS

##### SOLDER LUG

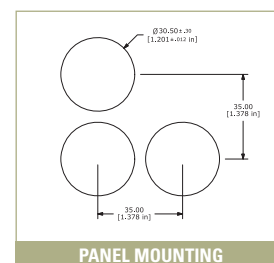
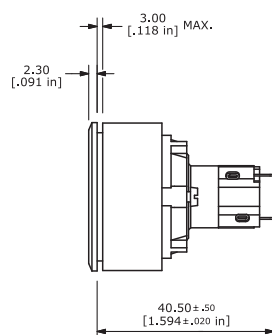
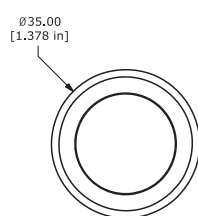
##### U1 Ø29mm



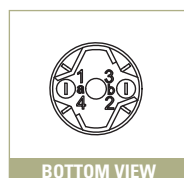
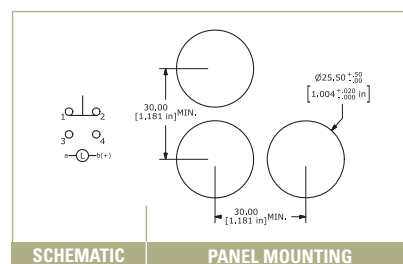
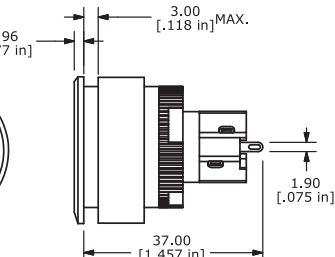
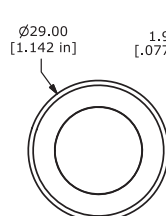
##### V1 Ø25mm



##### U3



##### V3



**BOTTOM VIEW**

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

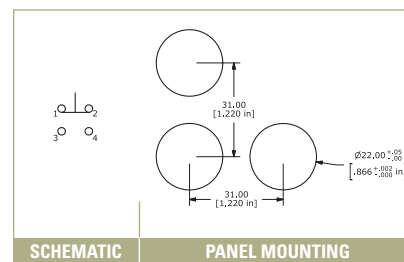
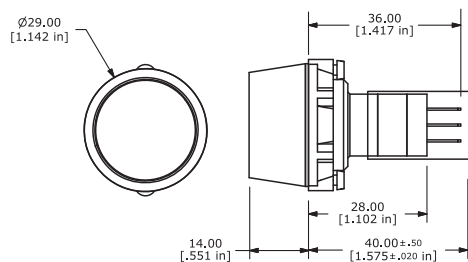


## TERMINATION &amp; PUSHBUTTON HEAD OPTIONS

## LAK

## SOCKET

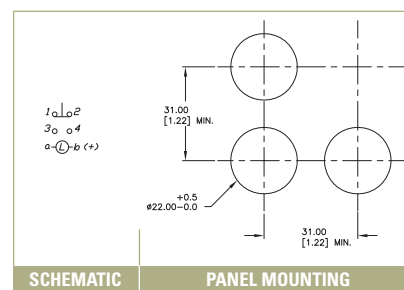
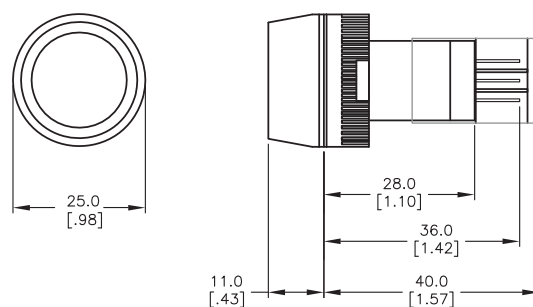
## U1 Ø29mm



SCHEMATIC

PANEL MOUNTING

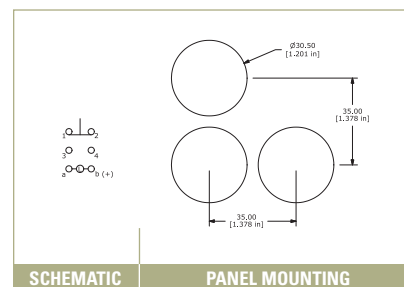
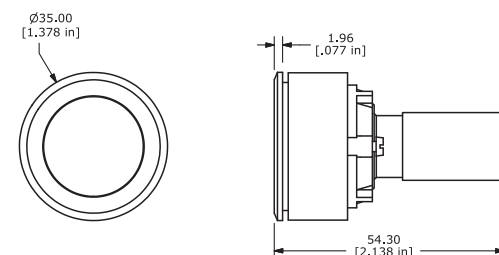
## V1 Ø25mm



SCHEMATIC

PANEL MOUNTING

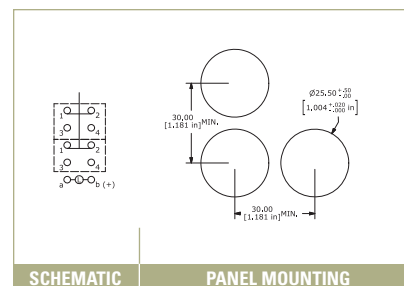
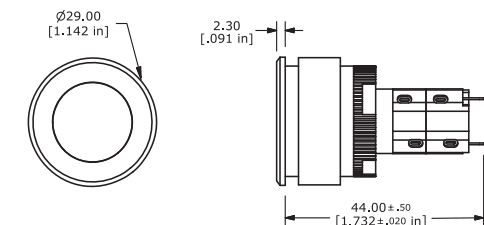
## U3



SCHEMATIC

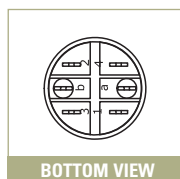
PANEL MOUNTING

## V3



SCHEMATIC

PANEL MOUNTING



BOTTOM VIEW

TACT  
SWITCHESNAVIGATION  
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SWITCHESROTARY  
SWITCHESDETECTOR  
SWITCHESCAP  
OPTIONS

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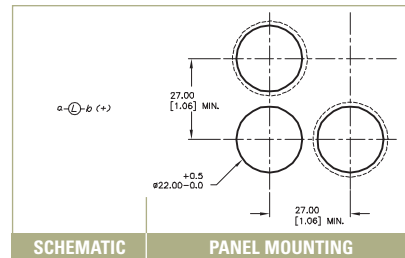
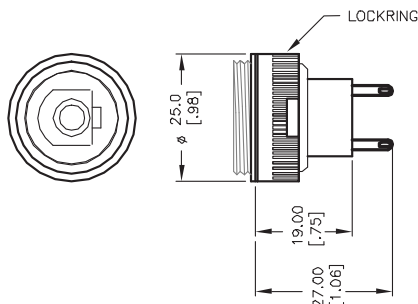
## PUSHBUTTON SWITCHES - SEALED ILLUMINATED

### TERMINATION & PUSHBUTTON HEAD OPTIONS

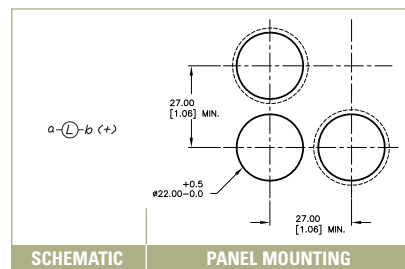
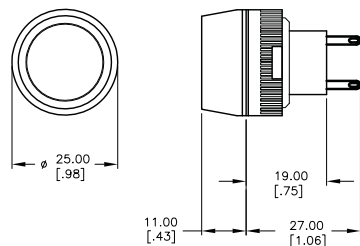
#### LAP

##### PILOT INDICATOR

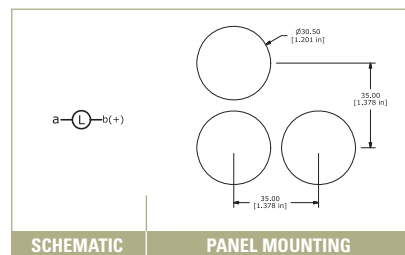
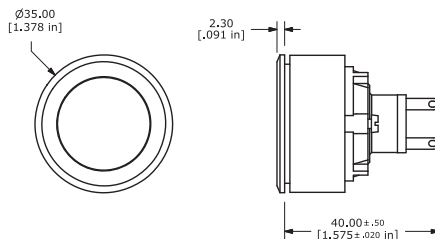
##### U1 Ø29mm



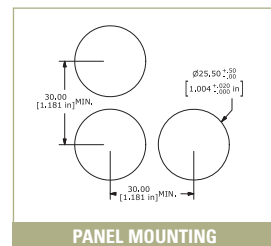
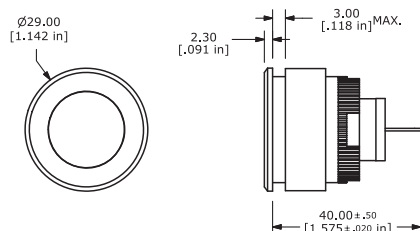
##### V1 Ø25mm



##### U3



##### V3



### MECHANICAL CONFIGURATION & CIRCUIT OPTIONS

#### 0 PILOT INDICATOR

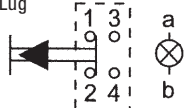
Available LAS Pilot Indicator



SCHEMATIC

#### 1 SPDT

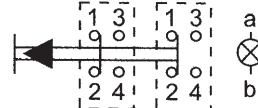
Available for LAK Socket Type and LAS Solder Lug



SCHEMATIC

#### 2 DPDT

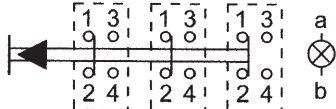
Available for LAS Solder Lug



SCHEMATIC

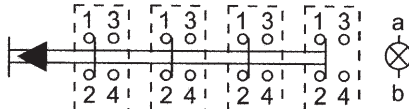
#### 3 3PDT

Available for LAS Solder Lug



SCHEMATIC

#### 4 4PDT



SCHEMATIC

#### Mechanical Configuration Code

|    |                 |
|----|-----------------|
| EE | Latching        |
| OA | Momentary       |
| PL | Pilot Indicator |

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

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