

# Manual Switches

## Electronic Control Pushbutton

AML21 Series

**INCANDESCENT OR NON-LIGHTED DISPLAY**

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Buttons ordered separately.

- FEATURES**
- 1, 2, or 4 poles.
  - Silver or gold contacts.
  - Full guard bezel option.
  - Momentary or 2-level alternate action (push-on, push-off).
  - UL recognized, CSA certified.
  - Lamps can be furnished installed or ordered separately.
  - Lamp circuit independent of switch circuit.



\*AML21 Series: 1 pole and 2-pole only.

**AML21 ORDER GUIDE**  
**AML21 B**

Housing Type	
<b>Standard Bezel:</b>	
<b>AML21B</b>	Square Non-Lighted
<b>AML21C</b>	Square 1 Lamp Ckt.
<b>AML21E</b>	Rect. Non-Lighted
<b>AML21F</b>	Rect. 1 Lamp Ckt.
<b>AML21G</b>	Rect. 2 Lamp Ckts.
<b>Full Guard Bezel:</b>	
<b>AML21H</b>	Square Non-Lighted
<b>AML21J</b>	Square 1 Lamp Ckt.
<b>AML21K</b>	Rect. Non-Lighted
<b>AML21L</b>	Rect. 1 Lamp Ckt.
<b>AML21M</b>	Rect. 2 Lamp Ckts.

Bezel Color
<b>B</b> Black

Incandescent Lamp Type
<b>A</b> No Lamp Installed
<b>B</b> 6 V Lamp*
<b>C</b> 14 V Lamp*
<b>E</b> 28 V Lamp*

Terminal Type
<b>2</b> .110 × .020 (Solder or Quick-Connect)
<b>3</b> .025 × .025 (Printed Ckt. or Push-On)

Circuitry Codes (Each pole has double-throw)	
Silver Contacts	Mom. Action <b>AA</b> 1-Pole <b>AC</b> 2-Pole <b>CC</b> 4-Pole
	Alt. Action <b>AB</b> 1-Pole <b>AD</b> 2-Pole <b>CD</b> 4-Pole
Gold Contacts	Mom. Action <b>BA</b> 1-Pole <b>BC</b> 2-Pole <b>DC</b> 4-Pole
	Alt. Action <b>BB</b> 1-Pole <b>BD</b> 2-Pole <b>DD</b> 4-Pole
Gold-Plated Silver Contacts	Mom. Action <b>EA</b> 1-Pole <b>EC</b> 2-Pole
	Alt. Action <b>EB</b> 1-Pole <b>ED</b> 2-Pole

\* Lamps will be installed per each lamp circuit specified in the Housing Type.

Example: **AML21BBA2AA**  
Square pushbutton switch housing non-lighted; black bezel; .110 × .020 termination; momentary action; 1-pole, double-throw; silver contacts.

# Manual Switches

## Electronic Control Pushbutton

### LED DISPLAY



Buttons with LED "window" ordered separately. LEDs are not replaceable.

### FEATURES

- Identical to AML21 switches, except furnished with high efficiency LED display.
- Rectangular LED's are flush with button surface, providing wide angle indication.
- Optional diode protection for LED's.
- 5 thru 24 VDC LED devices have an internal resistor to maintain current at nominal 20 mA.
- UL recognized, CSA certified.
- LED circuit independent of switch circuit.

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\*AML22 Series: 1 pole and 2-pole only.

### AML22 ORDER GUIDE

#### AML22 C

##### Housing Type

**Standard Bezel:**  
**AML22C** Square 1 LED  
**AML22H** Square 1 High-Profile LED (For use with AML52-A buttons)

**Full Guard Bezel:**  
**AML22J** Square 1 LED

#### B

##### Bezel Color

**B**  
Black

#### B

##### LED Color/ Voltage

**Red**  
**B** V\*  
**C** 5V  
**D** 10V  
**E** 15V  
**F** 24V  
**Yellow**  
**H** V\*  
**J** 5V  
**K** 10V  
**L** 15V  
**M** 24V  
**Green**  
**R** V\*  
**S** 5V  
**T** 10V  
**W** 15V  
**X** 24V

#### 2

##### Terminal Type

**2**  
 .110 × .020  
 (Solder or Quick-Connect)

**3**  
 .025 × .025  
 (Printed Ckt., or Push-On)

**8**  
 .110 × .020  
 With Diode Protection for LED

#### AA

##### Circuitry Codes (Each pole has double-throw)

Silver Contacts	Mom. Action <b>AA</b> 1-Pole <b>AC</b> 2-Pole <b>CC</b> 4-Pole
	Alt. Action <b>AB</b> 1-Pole <b>AD</b> 2-Pole <b>CD</b> 4-Pole
Gold Contacts	Mom. Action <b>BA</b> 1-Pole <b>BC</b> 2-Pole <b>DC</b> 4-Pole
	Alt. Action <b>BB</b> 1-Pole <b>BD</b> 2-Pole <b>DD</b> 4-Pole
Gold-Plated Silver Contacts	Mom. Action <b>EA</b> 1-Pole <b>EC</b> 2-Pole
	Alt. Action <b>EB</b> 1-Pole <b>ED</b> 2-Pole

Manuals

\* See LED information for devices without current limiting resistor, page 58.

Example: **AML22CBB2AA**

Square pushbutton switch housing with one LED, black bezel; red LED (without resistor); .110 × .020 termination; momentary action, 1-pole, double-throw; silver contacts.

### CONTACT ARRANGEMENT

1, 2 or 4 poles: Form C

