

# 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 ORDER GUIDE**

AML21 B	B	A	2	AA									
<b>Housing Type</b>	<b>Bezel Color</b>	<b>Incandescent Lamp Type</b>	<b>Terminal Type</b>	<b>Circuitry Codes (Each pole has double-throw)</b>									
<p><b>Standard Bezel:</b></p> <p><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.</p> <p><b>Full Guard Bezel:</b></p> <p><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.</p>	<p><b>B</b> Black</p>	<p><b>A</b> No Lamp Installed</p> <p><b>B</b> 6 V Lamp*</p> <p><b>C</b> 14 V Lamp*</p> <p><b>E</b> 28 V Lamp*</p>	<p><b>2</b> .110 × .020 (Solder or Quick-Connect)</p> <p><b>3</b> .025 × .025 (Printed Ckt. or Push-On)</p>	<table border="1"> <tr> <td rowspan="2">Silver Contacts</td> <td>Mom. Action <b>AA</b> 1-Pole <b>AC</b> 2-Pole <b>CC</b> 4-Pole</td> </tr> <tr> <td>Alt. Action <b>AB</b> 1-Pole <b>AD</b> 2-Pole <b>CD</b> 4-Pole</td> </tr> <tr> <td rowspan="3">Gold Contacts</td> <td>Mom. Action <b>BA</b> 1-Pole <b>BC</b> 2-Pole <b>DC</b> 4-Pole</td> </tr> <tr> <td>Alt. Action <b>BB</b> 1-Pole <b>BD</b> 2-Pole <b>DD</b> 4-Pole</td> </tr> <tr> <td>Mom. Action <b>EA</b> 1-Pole <b>EC</b> 2-Pole</td> </tr> <tr> <td rowspan="2">Gold-Plated Silver Contacts</td> <td>Alt. Action <b>EB</b> 1-Pole <b>ED</b> 2-Pole</td> </tr> </table>	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	Mom. Action <b>EA</b> 1-Pole <b>EC</b> 2-Pole	Gold-Plated Silver Contacts	Alt. Action <b>EB</b> 1-Pole <b>ED</b> 2-Pole
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Gold-Plated Silver Contacts	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 ORDER GUIDE

#### AML22 C

#### B

#### B

#### 2

#### AA

Housing Type	Bezel Color	LED Color/ Voltage	Terminal Type	Circuitry Codes (Each pole has double-throw)	
<b>Standard Bezel:</b> <b>AML22C</b> Square 1 LED <b>AML22H</b> Square 1 High-Profile LED (For use with AML52-A buttons)  <b>Full Guard Bezel:</b> <b>AML22J</b> Square 1 LED	<b>B</b> Black	<b>Red</b> <b>B</b> V* <b>C</b> 5V <b>D</b> 10V <b>E</b> 15V <b>F</b> 24V <b>Yellow</b> <b>H</b> V* <b>J</b> 5V <b>K</b> 10V <b>L</b> 15V <b>M</b> 24V <b>Green</b> <b>R</b> V* <b>S</b> 5V <b>T</b> 10V <b>W</b> 15V <b>X</b> 24V	<b>2</b> .110 × .020 (Solder or Quick-Connect)  <b>3</b> .025 × .025 (Printed Ckt., or Push-On)  <b>8</b> .110 × .020 With Diode Protection for LED	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



# Mouser Electronics

Authorized Distributor

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## Honeywell:

[AML21BBA2BA-003](#) [AML21BBA2BA-004](#) [AML21BBA2BA-005](#) [AML21BBA2BA-006](#) [AML21BBA2BA-007](#)  
[AML21BBA2BA-008](#) [AML21BBA2BA-014](#) [AML21BBA2CA](#) [AML21BBA2DC](#) [AML21BBA2DD](#) [AML21BBA2EB](#)  
[AML21BBA2ED](#) [AML21BBA3AC-001](#) [AML21BBA3BB](#) [AML21BBA3BC](#) [AML21BBA3BD](#) [AML21BBA3CC](#)  
[AML21BBA3CD](#) [AML21BBA3EA](#) [AML21BBA3EC](#) [AML21CBA2AC-002](#) [AML21CBA2CB](#) [AML21CBA2DB](#)  
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[AML21CBB2EA](#) [AML21CBB2EB](#) [AML21CBB2EC](#) [AML21CBB2ED](#) [AML21CBB3AA](#) [AML21CBB3AB](#) [AML21CBB3AC](#)  
[AML21CBB3AD](#) [AML21CBB3BA](#) [AML21CBB3BB](#) [AML21CBB3EA](#) [AML21CBB3EB](#) [AML21CBC2BA](#)  
[AML21CBC2BC](#) [AML21CBC2BD](#) [AML21CBC2CD](#) [AML21CBC2DC](#) [AML21CBC2DD](#) [AML21CBC2EA](#)  
[AML21CBC3AC](#) [AML21CBC3AD](#) [AML21CBE2AA-006](#) [AML21CBE2AC-001](#) [AML21CBE2AD-001](#) [AML21CBE2BB](#)  
[AML21CBE2CC](#) [AML21CBE2CC-001](#) [AML21CBE2CD-001](#) [AML21CBE2DC](#) [AML21CBE2DC-001](#) [AML21CBE2DD](#)  
[AML21CBE2DD-001](#) [AML21CBE2EA](#) [AML21CBE3AB](#) [AML21CBE3BB](#) [AML21CBE3BD](#) [AML21CBE3CC](#)  
[AML21CBE3CD](#) [AML21CBE3DC](#) [AML21CBE3DD](#) [AML21EBA2DD](#) [AML21EBA2EA](#) [AML21EBA2EB](#)  
[AML21EBA3AB](#) [AML21EBA3BB](#) [AML21EBA3BC](#) [AML21EBA3CA](#) [AML21EBA3CC](#) [AML21EBA3DC](#) [AML21EBA3EB](#)  
[AML21FBA2AA-001](#) [AML21FBA2BB](#) [AML21FBA2BD](#) [AML21FBA2CC](#) [AML21FBA2DC](#) [AML21FBA2EB](#)  
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[AML21FBB2BA](#) [AML21FBB2CC](#)