

# AML21CBE2AB Datasheet

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DiGi Electronics Part Number	AML21CBE2AB-DG
Manufacturer	<a href="#">Honeywell Sensing and Productivity Solutions</a>
Manufacturer Product Number	AML21CBE2AB
Description	SWITCH PUSHBUTTON SPDT 3A 125V
Detailed Description	Pushbutton Switch SPDT Standard, Illuminated Panel Mount, Snap-In

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## Purchase and inquiry

Manufacturer Product Number:

AML21CBE2AB

Series:

AML21

Mounting Type:

Panel Mount, Snap-In

Circuit:

SPDT

Current Rating (Amps):

3A (AC), 2A (DC)

Voltage Rating - DC:

24 V

Actuator Marking:

No Marking

Illumination Type, Color:

Incandescent

Termination Style:

Solder, Quick Connect - 0.110" (2.8mm)

Features:

-

Operating Temperature:

-

Electrical Life:

25,000 Cycles

Manufacturer:

Honeywell Sensing and Productivity Solutions

Product Status:

Active

Type:

Standard, Illuminated

Switch Function:

On-On

Voltage Rating - AC:

125 V

Actuator Type:

Square, Button (Not Included)

Color - Actuator/Cap:

-

Illumination Voltage (Nominal):

28 VAC

Ingress Protection:

-

Panel Cutout Dimensions:

Square - 19.05mm x 19.05mm

Mechanical Life:

25,000 Cycles

Base Product Number:

AML21

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.50.9033

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

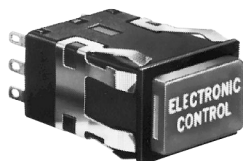
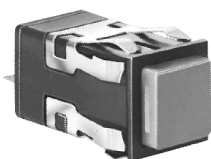
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# Manual Switches

## Electronic Control Pushbutton

AML21 Series

### INCANDESCENT OR NON-LIGHTED DISPLAY



Buttons ordered separately.

Electrical Data	page 19
Buttons	page 43
Lamps and LEDs	page 58
Accessories	pages 56, 57
Mounting Dimensions	pages 59, 62

#### 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

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.

Electrical Data	page 19
Buttons	pages 42, 43
Lamps and LEDs	page 58
Accessories	pages 56, 57
Mounting Dimensions	pages 59, 62



### AML22 ORDER GUIDE

#### AML22 C

Housing Type
<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

Bezel Color
<b>B</b> Black

LED Color/ Voltage
<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

Terminal Type
<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

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



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