

AML21EBA2AB Datasheet

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DiGi Electronics Part Number	AML21EBA2AB-DG
Manufacturer	Honeywell Sensing and Productivity Solutions
Manufacturer Product Number	AML21EBA2AB
Description	SWITCH PUSHBUTTON SPDT 3A 125V
Detailed Description	Pushbutton Switch SPDT Standard Panel Mount, Sn ap-In

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Purchase and inquiry

Manufacturer Product Number:

AML21EBA2AB

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:

-

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

Switch Function:

On-On

Voltage Rating - AC:

125 V

Actuator Type:

Rectangular, Button (Not Included)

Color - Actuator/Cap:

-

Illumination Voltage (Nominal):

-

Ingress Protection:

-

Panel Cutout Dimensions:

Rectangular - 28.98mm x 19.05mm

Mechanical Life:

25,000 Cycles

Base Product Number:

AML21

Environmental & Export classification

RoHS Status:

RoHS Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

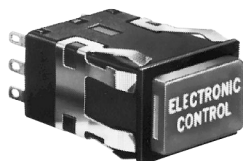
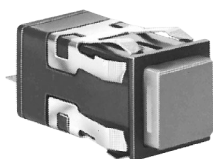
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Manual Switches

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

Bezel Color
B Black

Incandescent Lamp Type
A No Lamp Installed
B 6 V Lamp*
C 14 V Lamp*
E 28 V Lamp*

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

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

B

B

2

AA

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

Bezel Color
B Black

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

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

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