

AML22CBX2AB Datasheet



No Picture Yet

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| | |
|------------------------------|---|
| DiGi Electronics Part Number | AML22CBX2AB-DG |
| Manufacturer | Honeywell Sensing and Productivity Solutions |
| Manufacturer Product Number | AML22CBX2AB |
| Description | SWITCH PUSHBUTTON SPDT 3A 125V |
| Detailed Description | Pushbutton Switch SPDT Standard, Illuminated Panel Mount, Snap-In |

This model AML22CBX2AB is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

AML22CBX2AB

Series:

AML22

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:

LED, Green

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):

24 VDC

Ingress Protection:

-

Panel Cutout Dimensions:

Square - 19.05mm x 19.05mm

Mechanical Life:

25,000 Cycles

Base Product Number:

AML22

Environmental & Export classification

RoHS Status:

RoHS Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

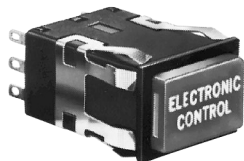
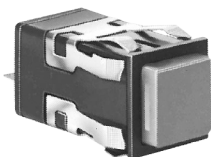
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Manual Switches

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 | B | A | 2 | AA | | | | | | | | | |
|---|---|---|---|--|-----------------|---|---|---------------|---|---|---|-----------------------------|---|
| Housing Type | Bezel Color | Incandescent Lamp Type | Terminal Type | Circuitry Codes (Each pole has double-throw) | | | | | | | | | |
| <p>Standard Bezel:</p> <p>AML21B Square Non-Lighted AML21C Square 1 Lamp Ckt. AML21E Rect. Non-Lighted AML21F Rect. 1 Lamp Ckt. AML21G Rect. 2 Lamp Ckts.</p> <p>Full Guard Bezel:</p> <p>AML21H Square Non-Lighted AML21J Square 1 Lamp Ckt. AML21K Rect. Non-Lighted AML21L Rect. 1 Lamp Ckt. AML21M Rect. 2 Lamp Ckts.</p> | <p>B Black</p> | <p>A No Lamp Installed</p> <p>B 6 V Lamp*</p> <p>C 14 V Lamp*</p> <p>E 28 V Lamp*</p> | <p>2 .110 × .020 (Solder or Quick-Connect)</p> <p>3 .025 × .025 (Printed Ckt. or Push-On)</p> | <table border="1"> <tr> <td rowspan="2">Silver Contacts</td> <td>Mom. Action AA 1-Pole AC 2-Pole CC 4-Pole</td> </tr> <tr> <td>Alt. Action AB 1-Pole AD 2-Pole CD 4-Pole</td> </tr> <tr> <td rowspan="3">Gold Contacts</td> <td>Mom. Action BA 1-Pole BC 2-Pole DC 4-Pole</td> </tr> <tr> <td>Alt. Action BB 1-Pole BD 2-Pole DD 4-Pole</td> </tr> <tr> <td>Mom. Action EA 1-Pole EC 2-Pole</td> </tr> <tr> <td rowspan="2">Gold-Plated Silver Contacts</td> <td>Alt. Action EB 1-Pole ED 2-Pole</td> </tr> </table> | 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 | Mom. Action EA 1-Pole EC 2-Pole | Gold-Plated Silver Contacts | Alt. Action EB 1-Pole ED 2-Pole |
| 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 | | | | | | | | | | | | |
| | Mom. Action EA 1-Pole EC 2-Pole | | | | | | | | | | | | |
| Gold-Plated Silver Contacts | 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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