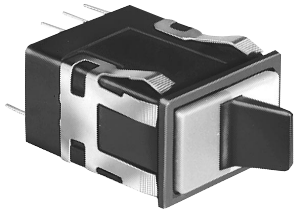
# Manual Switches
## Electronic Control Paddle



**INCANDESCENT OR NON-LIGHTED DISPLAY**



Covers ordered separately.

**FEATURES**

- Silver or gold contacts.
- 1, 2 or 4 poles.
- Toggle type paddle operators permanently installed in rectangular housings.
- Covers for the switch housing may be lighted or unlighted.
- UL recognized, CSA certified.
- Lamps can be furnished installed or ordered separately.
- Lamp circuit independent of switch circuit.


| | |
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| Paddle Covers | page 47 |
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| Mounting Dimensions | pages 59, 62 |

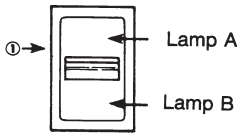

*AML23 Series: 1 pole and 2-pole only.

***AML23 ORDER GUIDE**

**AML23 E** | **B** | **A** | **2** | **AA** | **01**

| Housing Type | Operator/Bezel Color | Incandescent Lamp Type | Terminal Type | Circuitry Codes | Operating Action |
|---|---|---|---|---|---|
| **AML23 E** Rectangular Non-Lighted<br>**AML23 F** Rectangular 1 Lamp Ckt. (A)<br>**AML23 G** Rectangular 2 Lamp Ckts. (A & B) | **B** Black/Black | **A** No Lamp Installed<br>**B** 6 V Lamp*<br>**C** 14 V Lamp*<br>**E** 28 V Lamp* | **2** .110 × .020 (Solder or Quick-Connect)<br>**3** .025 × .025 (Printed Ckt., or Push-on) | Insert Code letters as shown in Circuitry Chart | Insert Code numbers from Operating Action Chart |

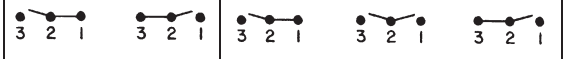
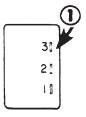
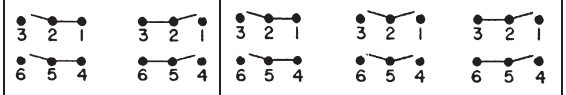
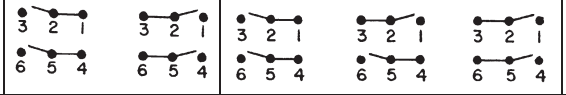
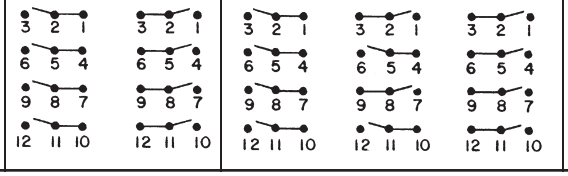
* Lamps will be installed per each lamp circuit specified in the Housing Type.




① The ''MICRO SWITCH'' identification is shown on this side of the switch housings.

Example: **AML23EBA2AA01**
Rectangular non-lighted paddle switch housing; black paddle and bezel; .110 × .020 terminals; with one circuit ON and one circuit OFF in each extreme operator position (maintained).

**CIRCUITRY**

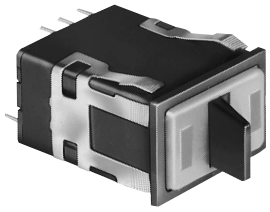
| Silver Contacts | Gold Contacts | 2-Position | 3-Position | |
|---|---|---|---|---|
| AA | BA |  | |  |
| AC | BC |  | | |
| (Non-illuminated switches only) | | | | |
| CA | DA |  | | |
| CC | DC |  | | |
| (Non-illuminated switches only) | | | | |

**OPERATING ACTION**

| | | |
|---|---|---|
| **2-Position:** | | |
| Maint. | **01** None | Maint. |
| Mom. | **02** None | Maint. |
| Maint. | **03** None | Mom. |
| **3-Position:** | | |
| Maint. | **04** Maint. | Maint. |
| Mom. | **05** Maint. | Mom. |
| Maint. | **06** Maint. | Mom. |
| Mom. | **07** Maint. | Maint. |

# Manual Switches
## Electronic Control Paddle

**LED DISPLAY**



Covers with LED ''window'' ordered separately.

**FEATURES**

- Identical to AML23, except furnished with one or two rectangular high efficiency LED's which give flush display area and wide angle indication.
- Available with or without diode protection for LED's.
- LED circuit independent of switch circuit.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- 5 thru 24 VDC devices have internal resistor to maintain current at nominal 20 mA.
- UL recognized, CSA certified.

*AML25 Series: 1 pole and 2-pole only.

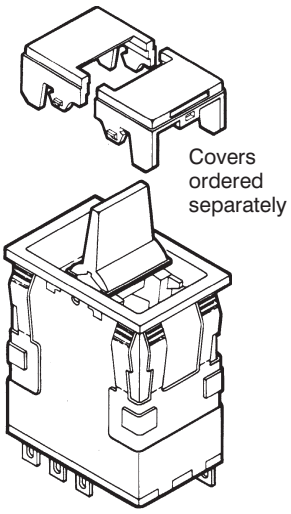
**AML25 ORDER GUIDE**

| AML25 F | B | B | 2 | AA | 01 | R | X |
|---|---|---|---|---|---|---|---|
| **Housing Type** | **Operator/ Bezel Color** | **LED Voltage** | **Terminal Type/ Diode Protection** | **Circuitry Codes** | **Operating Code** | **LED Color (LED A)** | **LED Color (LED B)** |
| **AML25 F** Rectangular 1 LED<br>**AML25 G** Rectangular 2 LED's | **B** Black/Black | **B** V*<br>**C** 5 V<br>**D** 10 V<br>**E** 15 V<br>**F** 24 V | **2** .110 × .020 (Solder or Q-C)<br>**3** .025 × .025 (Printed Ckt., or Push-On<br>**8** .110 × .020 w/Diode protection | Insert code letters as shown in Circuitry Chart<br>LED version available only with **AA** **BA** **CA** **DA** circuitry | Insert code numbers from Operating Action Chart | **R** Red **Y** Yellow **G** Green **X** No LED | **R** Red **Y** Yellow **G** Green **X** No LED |

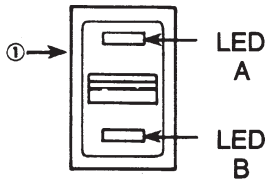
*See LED application information for devices without current-limiting resistor, page 58.

Example: **AML25FBB2AA01RX**
Rectangular paddle switch; illuminated with one red LED, this device has a black paddle and bezel, and .110 × .020 terminals; with one circuit ON and one circuit OFF in each extreme operator position (maintained).

NOTE: For further information on replacement LED's, call the 800 number.



Covers ordered separately

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Manuals