Honeywell

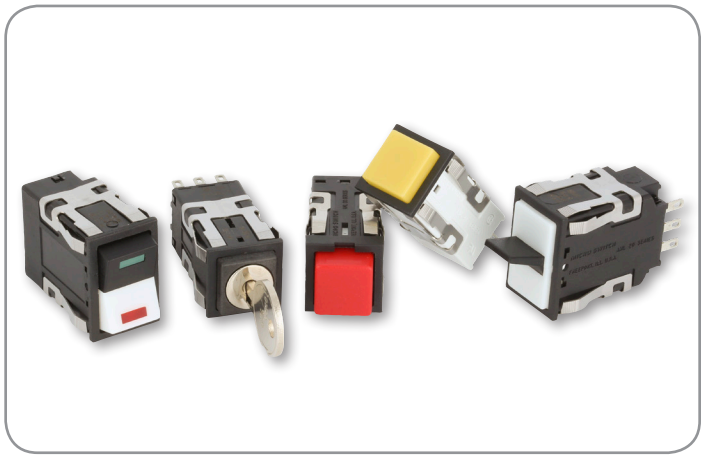
# Operator Interface Switches and Indicators

AML Series

***005439***

*Issue 1*

**Datasheet**



## DESCRIPTION

Honeywell's AML (Advanced Manual Line) Series of commercial grade operator interface switches offers a variety of pushbutton switches, key lock switches, paddle switches, rocker switches, and indicators. Pushbutton switches are offered as momentary action or alternate action (push-on, push-off). The AML Series switches are available with contacts for controlling logic level or power-duty electrical loads. Up to four poles are available on select AML series for control or signaling applications. When lighted switches are required, incandescent, LED, or neon lamps are available to satisfy the supply voltage requirements for the application. A wide variety of pushbutton lens, paddle switch covers, and rocker switch covers are available for lighted or unlighted applications and with or without legends. The switches and indicators snap into the panel from the front for ease of installation and require less than 44,45 mm [1.75 in] panel depth including termination.

Honeywell AML switches are UL and CSA certified as noted on page 3 of the specifications.

## DIFFERENTIATION

- A 4PDT contact option available for most AML switches
- Lamp package options for up to 250 Vac
- Key selector switches

## VALUE TO CUSTOMERS

- Well suited for power-duty and logic-level loads
- Rectangular or square front-of-panel pushbutton design
- Standard rectangular design for pushbuttons, paddle, or rocker switches

## FEATURES

- Pushbuttons, paddles, rockers, key-actuated, and indicators within AML Series for coordinated panel appearance
- Less than 1.75 inch panel depth
- Pushbuttons, paddles, and rockers furnished lighted or unlighted
- Lighted switches furnished with choice of incandescent, LED, or neon lamps dependent upon supply voltage
- Pushbuttons available with momentary or alternate action (push-on and push-off)
- Paddle, rocker, and key switches with two or three positions and maintained or momentary action
- One-, two-, or four-poles with double throw available for most switches
- Fine silver contacts for switching electrical loads, optional gold contacts for logic level applications
- AML20 Series standard-duty electrical rating or AML30 Series power-duty electrical rating (reference page 4)
- AML40 Series indicators with incandescent or LED displays
- Optional fabricated metal frames (AML61 Series) for strip mounting multiple AML switches
- Wide variety of accessories, including switch guards and panel seals
- UL and CSA certified

## POTENTIAL APPLICATIONS

- Agriculture
- Food and beverage
- Medical equipment
- Industrial equipment
- Process controls
- Oil and gas
- Military
- Aerospace
- Transportation

## PORTFOLIO

The AML Series of pushbutton switches are a portion of Honeywell's breadth of operator interface controls. Other operator interface controls are rocker switches, an extensive line of toggle switches and specialty operator controls.

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**Table 1. AML Series Specifications**

| Characteristic | Parameter | | | | |
|---|---|---|---|---|---|
| Product type | MICRO SWITCH AML Series (Advanced Manual Line) pushbutton switches and indicators | | | | |
| Certifications | ***AML20 Series switch*** | ***AML30 Series switch*** | ***AML41 Series indicator*** | ***AML42 Series indicator*** | ***AML45 Series indicator*** |
| | E12252, UL1054 | E12252, UL1054 | E58932 UL496 | – | – |
| | File 4442 CSA22.2 #55 | File 4442 CSA22.2 #55 | File 4442 CSA22.2 #43 & 55 | File 4442 CSA22.2 #43 & 55 | File 4442 CSA22.2 #43 & 55 |
| Reference standards | UL 496, UL 1054, and CSA 22.2, #43 & 55 | | | | |
| Housing material | Glass reinforced PBT polyester | | | | |
| Button material | Polycarbonate | | | | |
| Panel thickness | 1,5 mm to 4,75 mm [0.060 in to 0.187 in] | | | | |
| Panel depth required | Less than 44,45mm (1.75 in), including termination | | | | |
| Panel cutout | ***AML20 Series switch*** | ***AML30 Series switch*** | ***AML41 Series indicator*** | ***AML42 Series indicator*** | ***AML45 Series indicator*** |
| Square housing | 19,0 x 19,0 mm [0.75 x 0.75 in] | – | 19,0 x 19,0 mm [0.75 x 0.75 in] | 19,0 x 19,0 mm [0.75 x 0.75 in] | – |
| Rectangular housing | 19,0 x 29,0 mm [0.75 x 1.14 in] | 19,0 x 29,0 mm [0.75 x 1.14 in] | 19,0 x 29,0 mm [0.75 x 1.14 in] | 6,35 x 19,0 mm [0.25 x 0.75 in] | 8,9 x 29,0 mm [1.14 x 0.35 in] |
| Termination AML20 and AML40 Series | 2,79 x 0, 52 mm [0.110 x 0.020 in] quick connect or solder terminals<br>Optional, 0,64 x 0,64 mm [0.025 x 0.025 in] printed circuit board terminals | | | | |
| Termination AML30 Series | 4,75 x 0,52 mm [0.187 x 0.020 in] quick connect or solder terminals | | | | |
| Contact options | ***AML20 Series switch*** | ***AML30 Series switch*** | ***AML41 Series indicator*** | ***AML42 Series indicator*** | ***AML45 Series indicator*** |
| Pushbutton (momentary) | Form C; 1PDT, 2PDT, 4PDT | Form X, 2PST normally open double break | – | – | – |
| Pushbutton (alternate action) | Form C; 1PDT, 2PDT, 4PDT | Form X, 2PST normally open double break | – | – | – |
| Paddles | Form C; 1PDT, 2PDT, 4PDT | Form A, 1PST, 2PST | – | – | – |
| Rockers | Form C; 1PDT, 2PDT, 4PDT | Form A, 1PST, 2PST, | – | – | – |
| Key operated selectors | Form C, 1PDT, 2PDT | – | – | – | – |
| Contact material | Silver alloy, optional gold contacts, or optional gold-plated silver contacts | | | | |
| Lamp options | Incandescent T 1¾ wedge base, Integral LED or neon, LED T 1¾ wedge base | | | | |
| Operating temperature | 0 °C to 55 °C [32 °F to 131 °F] | | | | |
| Electrical/mechanical life | ***AML20 Series switch*** | ***AML30 Series switch*** | ***AML41 Series indicator*** | ***AML42 Series indicator*** | ***AML45 Series indicator*** |
| Pushbutton (momentary) | 6,000 cycles | 6,000 cycles | – | – | – |
| Pushbutton (alternate action) | 6,000 cycles | 6,000 cycles | – | – | – |
| Paddles | 6,000 cycles | 6,000 cycles | | | |
| Rockers | 6,000 cycles | 6,000 cycles | – | – | – |
| Key operated selectors | 6,000 cycles | – | – | – | – |

**Table 2. AML20 Series Electrical Ratings (Standard)**

| Contact Material | Voltage | Current (amps) | Load type |
|---|---|---|---|
| Silver or gold-plated silver | 24 Vdc | 2 | Resistive |
| | 125 Vac | 3 | Inductive, 0.75 PF |
| | 250 Vac | 2 | Inductive, 0.75 PF |
| Gold | 125 Vac/Vdc | 0.1 | Resistive |

**Table 3. AML30 Series Electrical Ratings (Power Duty)**

| Switch type (silver contacts) | Voltage | Current (amps) | Load type |
|---|---|---|---|
| Pushbuttons | 125/250 Vac | 10 | Inductive, 0.6 PF |
| Paddles | 125/250 Vac | 15 | Inductive, 0.6 PF |
| Rockers | 125/250 Vac | 15 | Inductive, 0.6 PF |

**Operator with Integral Contact Block** (see Tables 4 and 5)

+

**Button** (see Table 6)

**Complete Unit**

- 0.110 in x 0.020 in quick connect or solder terminals

**Table 4. AML21 Series Unlighted Pushbutton Catalog Listings**

| | | Standard Black Bezel (1,52 mm [0.06 in] above panel) | |
|---|---|---|---|
| **Circuitry, Form C** | **Contact Material** | **Square Housing** | **Rectangular Housing** |
| 1PDT momentary | Silver | AML21BBA2AA | AML21EBA2AA |
| 2PDT momentary | Silver | AML21BBA2AC | AML21EBA2AC |
| 4PDT momentary | Silver | AML21BBA2CC | AML21EBA2CC |
| 1PDT alt-action | Silver | AML21BBA2AB | AML21EBA2AB |
| 2PDT alt-action | Silver | AML21BBA2AD | AML21EBA2AD |
| 4PDT alt-action | Silver | AML21BBA2CD | AML21EBA2CD |
| 1PDT momentary | Gold | AML21BBA2BA | AML21EBA2BA |
| 2PDT momentary | Gold | AML21BBA2BC | AML21EBA2BC |
| 4PDT momentary | Gold | – | AML21EBA2DC |
| 1PDT alt-action | Gold | AML21BBA2BB | – |
| 2PDT alt-action | Gold | AML21BBA2BD | AML21EBA2BD |
| 1PDT momentary | Gold-plated silver contacts | AML21BBA2EA | – |
| 2PDT momentary | Gold-plated silver contacts | AML21BBA2EC | – |

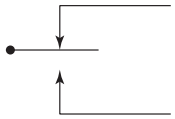
| | | Full Guard Black Bezel (5,0 mm [0.19 in] above panel) | |
|---|---|---|---|
| **Circuitry, Form C** | **Contact Material** | **Square Housing** | **Rectangular Housing** |
| 1PDT momentary | Silver | AML21HBA2AA | AML21KBA2AA |
| 2PDT momentary | Silver | AML21HBA2AC | AML21KBA2AC |
| 1PDT alt-action | Silver | AML21HBA2AB | – |
| 2PDT alt-action | Silver | AML21HBA2AD | AML21KBA2AD |
| 1PDT momentary | Gold | AML21HBA2BA | AML21KBA2BA |
| 2PDT momentary | Gold | AML21HBA2BC | – |

**Table 5. AML31 Series Unlighted Power-duty Pushbutton Catalog Listings[1]**

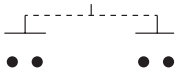
| | | Standard Black Bezel (1,52 mm [0.06 in] above panel) |
|---|---|---|
| **Circuitry, Form X** | **Contact Material** | **Rectangular Housing** |
| 2PST normally open momentary | Silver | AML31EBA4AC |
| 2PST normally open alt-action | Silver | AML31EBA4AD |

*[1] All "power-duty" pushbutton, paddle, and rocker switches (AML30 Series) have 0.187 in x 0.020 in termination*

**Form C Circuitry (1, 2, or 4 Poles)**



**Form X (2 Poles) Circuitry**



Difference between standard bezel and full guard bezel dimensions.

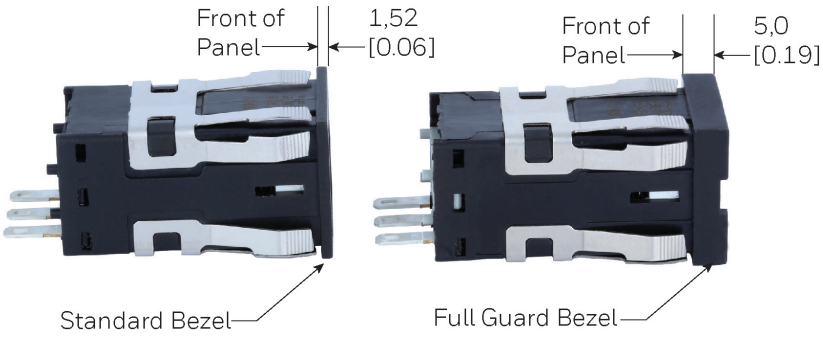
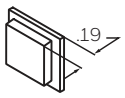
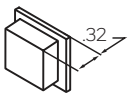
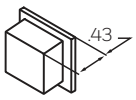
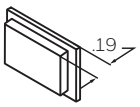
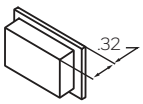
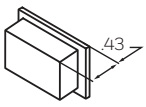
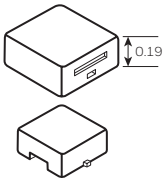
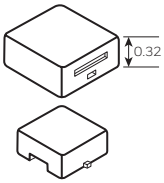
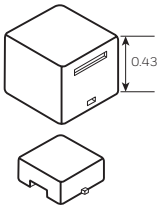
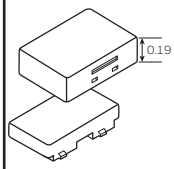
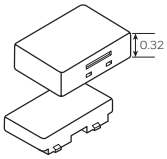
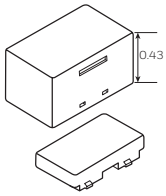
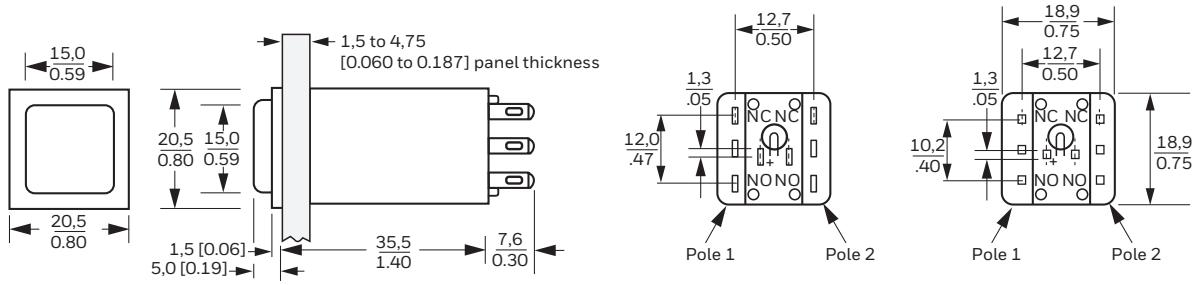


**Table 6. AML51 Series Buttons without Legends for AML21 & AML31 Series Pushbuttons****

| | AML51 Buttons for Square Housing | | | AML51 Buttons for Rectangular Housing | | |
|---|---|---|---|---|---|---|
| **Button Color** | **AML51-C (Standard)** 0.19 in button height | **AML51-A (Optional)** 0.32 in button height | **AML51-B (Optional)** 0.43 in button height | **AML51-F (Standard)** 0.19 in button height | **AML51-H (Optional)** 0.32 in button height | **AML51-E (Optional)** 0.43 in button height |
| **One piece button** |   |   |   |   |   |   |
| Red | AML51-C10R | AML51-A10R | AML51-B10R | AML51-F10R | AML51-H10R | AML51-E10R |
| Yellow | AML51-C10Y | AML51-A10Y | AML51-B10Y | AML51-F10Y | – | – |
| Green | AML51-C10G | AML51-A10G | – | AML51-F10G | AML51-H10G | – |
| Blue | AML51-C10B | AML51-A10B | – | AML51-F10B | – | – |
| White | AML51-C10W | AML51-A10W | AML51-B10W | AML51-F10W | AML51-H10W | AML51-E10W |
| Black | AML51-C10K | AML51-A10K | – | AML51-F10K | – | – |
| Gray | AML51-C10L | AML51-A10L | – | AML51-F10L | – | – |
| Amber | AML51-C10A | AML51-A10A | AML51-B10A | AML51-F10A | AML51-H10A | – |
| | | | | | | |
| **Two piece button (clear cap & color insert)** |   |   |   |   |   |   |
| Red | AML51-C11R | – | – | AML51-F11R | AML51-H11R | – |
| Yellow | AML51-C11Y | – | – | AML51-F11Y | – | – |
| Green | AML51-C11G | – | – | AML51-F11G | AML51-H11G | – |
| Blue | AML51-C11B | – | – | AML51-F11B | – | – |
| White | AML51-C11W | AML51-A11W | – | AML51-F11W | – | – |
| Amber | – | – | – | AML51-F11A | AML51-H11A | – |

***For AML51 Series Buttons Style C, A, B, F, H, or E from table above with legends refer to Figure 52*

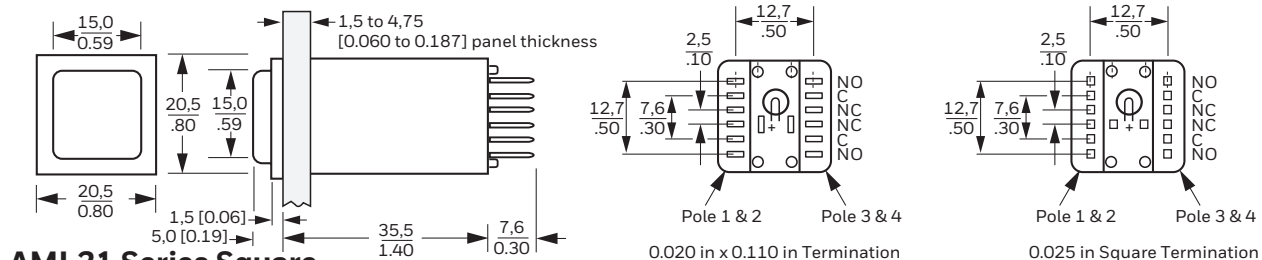
**Figure 1. AML21 and AML31 Series Dimensions, mm [in] or mm/in**




0.020 in x 0.110 in Termination

0.025 in Square Termination

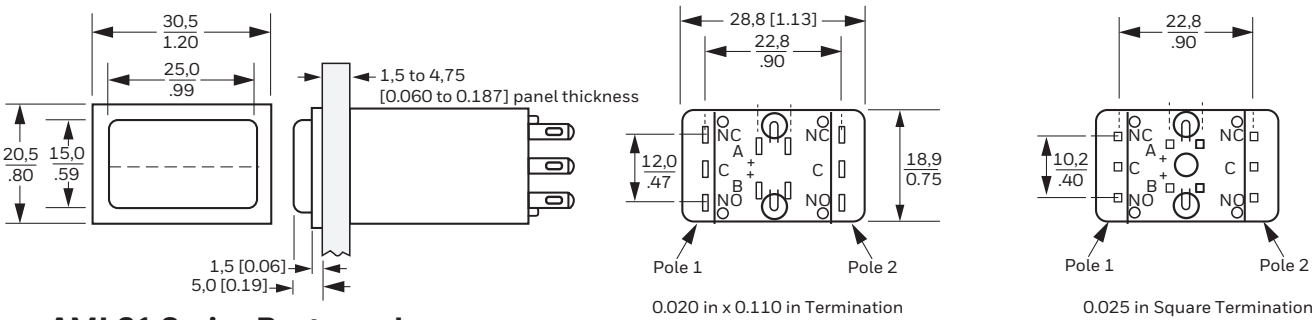
## AML21 Series Square




0.020 in x 0.110 in Termination

0.025 in Square Termination

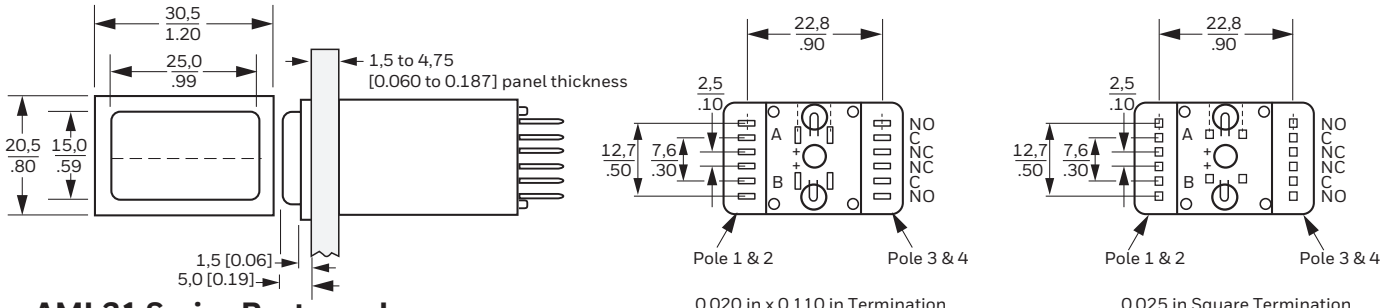
## AML21 Series Square




0.020 in x 0.110 in Termination

0.025 in Square Termination

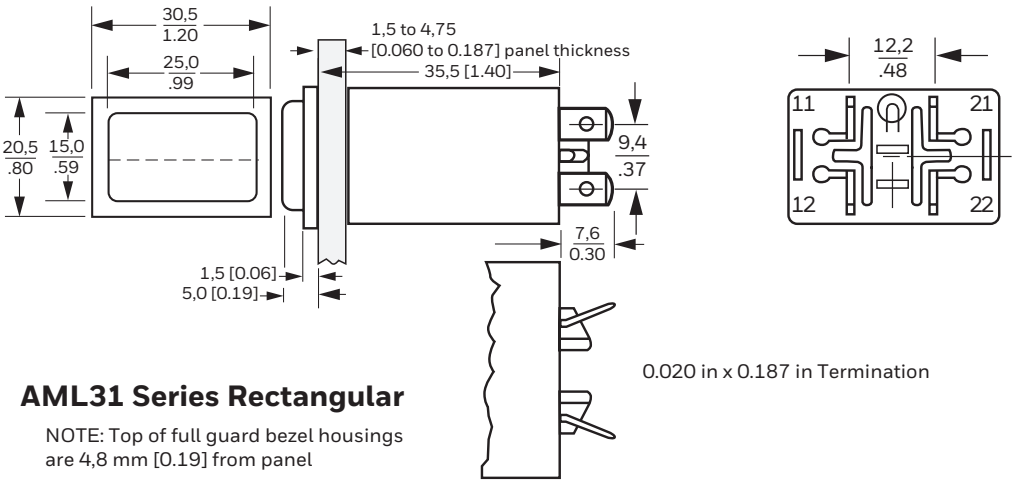
## AML21 Series Rectangular




0.020 in x 0.110 in Termination

0.025 in Square Termination

## AML21 Series Rectangular




0.020 in x 0.187 in Termination

## AML31 Series Rectangular

NOTE: Top of full guard bezel housings are 4,8 mm [0.19] from panel

**Figure 2. AML21 Series Unlighted Pushbutton Nomenclature**

**AML21B** — Housing

STANDARD BEZEL

| | |
|---|---|
| **AML21B** | Square, unlighted |
| **AML21E** | Rectangular, unlighted |

FULL-GUARD BEZEL

| | |
|---|---|
| **AML21H** | Square, unlighted |
| **AML21K** | Rectangular, unlighted |

**B** — Bezel Color

| | |
|---|---|
| **B** | Black |

**A** — Incandescent Lamp Type

| | |
|---|---|
| **A** | No lamp circuit |

**2** — Terminal Type

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] Quick-connect or Solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] Push-on or Printed Ckt. |

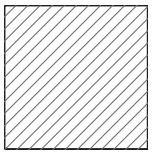
**AA** — Number of Poles & Contact Material

| | | |
|---|---|---|
| SILVER CONTACTS | **AA** | 1PDT, Momentary |
| | **AC** | 2PDT, Momentary |
| | **CC** | 4PDT, Momentary |
| | **AB** | 1PDT, Alt-action (Push-on, Push-off) |
| | **AD** | 2PDT, Alt-action (Push-on, Push-off) |
| | **CD** | 4PDT, Alt-action (Push-on, Push-off) |
| GOLD CONTACTS | **BA** | 1PDT, Momentary |
| | **BC** | 2PDT, Momentary |
| | **DC** | 4PDT, Momentary |
| | **BB** | 1PDT, Alt-action (Push-on, Push-off) |
| | **BD** | 2PDT, Alt-action (Push-on, Push-off) |
| | **DD** | 4PDT, Alt-action (Push-on, Push-off) |
| GOLD-PLATED SILVER | **EA** | 1PDT, Momentary |
| | **EC** | 2PDT, Momentary |
| | **EB** | 1PDT, Alt-action (Push-on, Push-off) |
| | **ED** | 2PDT, Alt-action (Push-on, Push-off) |

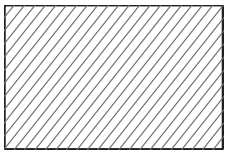
NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance.

## Panel Cutouts for Single Station, Front-of-Panel Mounting

**WITHOUT BARRIERS**

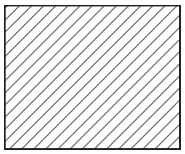


19,05 [0.750] Square

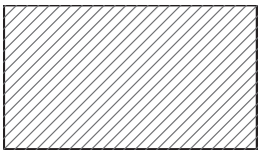


28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS[1]**

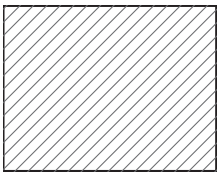


23,25 [0.915] x 19,05 [0.750]



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS[1]**



28,98 [1.141] x 23,25 [0.915]

[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 3. AML31 Series Unlighted Power-duty Pushbuttons Nomenclature**

| AML31E | B | A | 4 | AA |
|---|---|---|---|---|
| Housing/Bezel | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles (Silver Contacts) |
| STANDARD | | | | |
| **AML31E** Rectangular, unlighted | **B** Black | **A** No lamp circuit | **4** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] Quick-connect | **AC** 2PST normally open double break, momentary |
| | | | | **AD** 2PST normally open double break, Alt-action (Push-on, Push-off) |
| FULL-GUARD | | | | |
| **AML31K** Rectangular, unlighted | | | | |

NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance.

**Figure 4. AML51 Buttons for AML21 Switches, AML31 Switches and AML41 Indicators Nomenclature**

*For incandescent lighted or unlighted pushbuttons and indicators with pushbutton style displays*

| AML51-C | 11 | R | |
|---|---|---|---|
| Pushbutton Style Cap Housing | Display Type | Full Color or 1st Color Split | 2nd Color Split (if required) |

| | | |
|---|---|---|
| SQUARE | **AML51-C** | 0.19 inch button height |
| | **AML51-A** | 0.32 inch button height |
| | **AML51-B*** | 0.43 inch button height |
| | **AML51-D** | 0.19 inch button height with split for AML41 two lamp indicator |
| RECTANGULAR | **AML51-F** | 0.19 inch button height |
| | **AML51-H** | 0.32 inch button height |
| | **AML51-E*** | 0.43 inch button height |
| | **AML51-G** | 0.19 inch button height for 2 lamps - split along long axis |
| | **AML51-N**** | 0.32 inch button height for 2 lamps - split along long axis |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **20** | Transmitted color, one-piece color cap (legend on cap) |
| **11** | Transmitted color, clear cap with color insert (no legend) |
| **21** | Transmitted color, clear cap with color insert (Legend on insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | *** White | **W** | *** White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | **** Amber | **A** | **** Amber |

NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance
Note: Dimensions include the 0.06 inch standard bezel
Note: Black and gray buttons not recommended for lighted displays
*Available with transmitted color (10) only
**Not available with transmitted color (10)
***Insert is clear when display type (50) is specified with white(W) color
****Available with display type "transmitted color" and "dead front" only

**Operator with Integral Contact Block**
(see Tables 7-10)

+

**Button** (see Table 11)

**Complete Unit**

- 0.110 in x 0.020 in quick connect or solder terminals
- Replaceable Incandescent Lamp Type (T-1 3/4 wedge base)

**Table 7. AML21 Series Lighted Pushbutton Catalog Listings**

| | | | Standard Black Bezel (1,52 mm [0.06 in] above panel) | | |
|---|---|---|---|---|---|
| **Circuitry, Form C** | **Contact Material** | **Lamp Type** | **Square Housing 1 lamp ckt** | **Rectangular Housing, 1 lamp ckt** | **Rectangular Housing, 2 lamp circuits** |
| 1PDT momentary | Silver | No lamp provided | AML21CBA2AA | AML21FBA2AA | AML21GBA2AA |
| 1PDT momentary | Silver | 14 V lamp (#73) | AML21CBC2AA | – | – |
| 1PDT momentary | Silver | 28 V lamp (#85) | AML21CBE2AA | AML21FBE2AA | AML21GBE2AA |
| 2PDT momentary | Silver | No lamp provided | AML21CBA2AC | AML21FBA2AC | AML21GBA2AC |
| 2PDT momentary | Silver | 14 V lamp (#73) | AML21CBC2AC | AML21FBC2AC | AML21GBC2AC |
| 2PDT momentary | Silver | 28 V lamp (#85) | AML21CBE2AC | AML21FBE2AC | AML21GBE2AC |
| 4PDT momentary | Silver | No lamp provided | AML21CBA2CC | – | AML21GBA2CC |
| 4PDT momentary | Silver | 28 V lamp (#85) | AML21CBE2CC | AML21FBE2CC | AML21GBE2CC |
| 1PDT alt-action | Silver | No lamp provided | AML21CBA2AB | AML21FBA2AB | AML21GBA2AB |
| 1PDT alt-action | Silver | 28 V lamp (#85) | AML21CBE2AB | AML21FBE2AB | – |
| 2PDT alt-action | Silver | No lamp provided | AML21CBA2AD | AML21FBA2AD | AML21GBA2AD |
| 2PDT alt-action | Silver | 14 V lamp (#73) | AML21CBC2AD | – | AML21GBC2AD |
| 2PDT alt-action | Silver | 28 V lamp (#85) | AML21CBE2AD | AML21FBE2AD | AML21GBE2AD |
| 4PDT alt-action | Silver | No lamp provided | AML21CBA2CD | – | AML21GBA2CD |
| 4PDT alt-action | Silver | 14 V lamp (#73) | – | – | AML21GBC2CD |
| 4PDT alt-action | Silver | 28 V lamp (#85) | AML21CBE2CD | – | – |
| 1PDT momentary | Gold | No lamp provided | AML21CBA2BA | AML21FBA2BA | AML21GBA2BA |
| 1PDT momentary | Gold | 28 V lamp (#85) | AML21CBE2BA | AML21FBE2BA | – |
| 2PDT momentary | Gold | No lamp provided | AML21CBA2BC | AML21FBA2BC | AML21GBA2BC |
| 2PDT momentary | Gold | 28 V lamp (#85) | AML21CBE2BC | AML21FBE2BC | – |
| 4PDT momentary | Gold | 28 V lamp (#85) | AML21CBE2DC | – | – |
| 1PDT alt-action | Gold | No lamp provided | AML21CBA2BB | – | AML21GBA2BB |
| 2PDT alt-action | Gold | No lamp provided | AML21CBA2BD | AML21FBA2BD | AML21GBA2BD |
| 2PDT alt-action | Gold | 28 V lamp (#85) | AML21CBE2BD | – | – |
| 4PDT alt-action | Gold | No lamp provided | AML21CBA2DD | AML21FBA2DD | AML21GBA2DD |
| 4PDT alt-action | Gold | 28 V lamp (#85) | – | – | AML21GBE2DD |
| 2PDT momentary | Gold-plated silver contacts | No lamp provided | – | – | AML21GBA2EC |
| 2PDT alt-action | Gold-plated silver contacts | 28 V lamp (#85) | AML21CBE2ED | – | – |

**Table 8. AML21 Series Lighted Pushbutton Catalog Listings**

| | | | Full Guard Black Bezel (5,0 mm [0.19 in] above panel) | | |
|---|---|---|---|---|---|
| **Circuitry, Form C** | **Contact Material** | **Lamp Type** | **Square Housing 1 lamp ckt** | **Rectangular Housing, 1 lamp ckt** | **Rectangular Housing, 2 lamp circuits** |
| 1PDT momentary | Silver | No lamp provided | – | AML21LBA2AA | – |
| 1PDT momentary | Silver | 28 V lamp (#85) | AML21JBE2AA | – | AML21MBE2AA |
| 2PDT momentary | Silver | No lamp provided | AML21JBA2AC | AML21LBA2AC | – |
| 2PDT momentary | Silver | 28 V lamp (#85) | AML21JBE2AC | AML21LBE2AC | AML21MBE2AC |
| 1PDT alt-action | Silver | 28 V lamp (#85) | – | – | AML21MBE2AB |
| 2PDT alt-action | Silver | No lamp provided | AML21JBA2AD | AML21LBA2AD | AML21MBA2AD |
| 2PDT alt-action | Silver | 28 V lamp (#85) | AML21JBE2AD | – | AML21MBE2AD |
| 4PDT alt-action | Silver | 28 V lamp (#85) | AML21JBE2CD | – | – |
| 1PDT momentary | Gold | No lamp provided | AML21JBA2BA | AML21LBA2BA | AML21MBA2BA |
| 2PDT momentary | Gold | No lamp provided | AML21JBA2BC | – | – |
| 1PDT momentary | Gold-plated silver contacts | 28 V lamp (#85) | – | AML21LBE2EA | – |

*Note: AML21 Series Switches require a square or rectangular button from table 11*

**Table 9. AML31 Series Lighted Power-Duty Pushbutton Catalog Listings[1]**

| | | | Standard Black Bezel (1,52 mm [0.06 in] above panel) |
|---|---|---|---|
| **Circuitry. Form X** | **Contact Material** | **Lamp Type** | **Rectangular Housing, 1 lamp ckt** |
| 2PST normally open momentary (Form X) | Silver | No lamp provided | AML31FBA4AC |
| 2PST normally open momentary (Form X) | Silver | 6 V lamp (#86) | AML31FBB4AC |
| 2PST normally open momentary (Form X) | Silver | 28 V lamp (#85) | AML31FBE4AC |
| 2PST normally open alt-action (Form X) | Silver | No lamp provided | AML31FBA4AD |
| 2PST normally open alt-action (Form X) | Silver | 28 V lamp (#85) | AML31FBE4AD |

*Note: AML31 Series Switches require a rectangular button from table 11*

*[1] All "power-duty" pushbutton, paddle, and rocker switches (AML30 Series) have 0.187 in x 0.020 in termination*

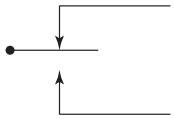
**Table 10. AML31 Series Lighted Power-Duty Pushbutton Catalog Listings[1]**

| | | | Full Guard Black Bezel (5,0 mm [0.19 in] above panel) |
|---|---|---|---|
| **Circuitry, Form X** | **Contact Material** | **Lamp Type** | **Rectangular Housing, 1 lamp ckt** |
| 2PST normally open alt-action (Form X) | Silver | 14 V lamp (#73) | AML31LBC4AD |

*Note: AML31 Series Switches require a rectangular button from table 11*

*[1] All "power-duty" pushbutton, paddle, and rocker switches (AML30 Series) have 0.187 in x 0.020 in termination*

**Form C Circuitry (1, 2, or 4 Poles)**



**Form X (2 Poles) Circuitry**

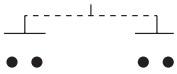
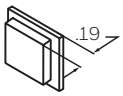
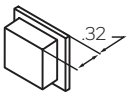
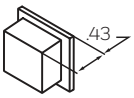
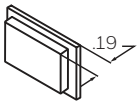
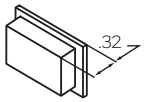
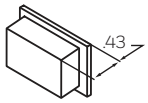
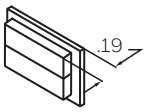
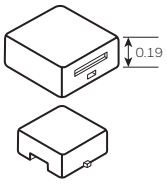
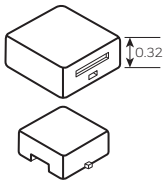
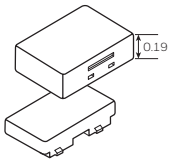
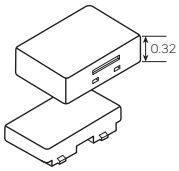
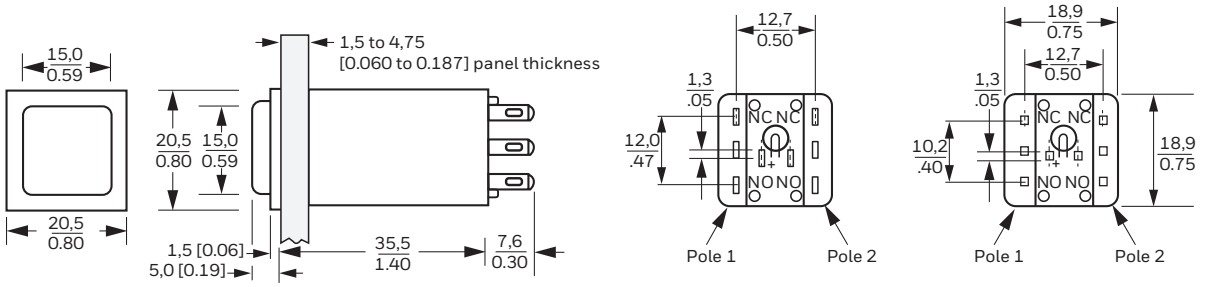


**Table 11. AML51 Series Buttons without Legends for AML21 & AML31 Series Lighted Pushbuttons****

| | AML51 Buttons for Square Housing | | | AML51 Buttons for Rectangular Housing | | | |
|---|---|---|---|---|---|---|---|
| **Button Color** | **AML51-C (Standard)** 0.19 in button height | **AML51-A (Optional)** 0.32 in button height | **AML51-B (Optional)** 0.43 in button height | **AML51-F Series (Standard)** 0.19 in button height | **AML51-H Series (Optional)** 0.32 in button height | **AML51-E Series (Optional)** 0.43 in button height | **AML51-G Series (2 lamp circuits)** 0.19 in button height |
| **One piece button** |   |   |   |   |   |   |   |
| Red | AML51-C10R | AML51-A10R | AML51-B10R | AML51-F10R | AML51-H10R | AML51-E10R | AML51-G10RR |
| Yellow | AML51-C10Y | AML51-A10Y | AML51-B10Y | AML51-F10Y | – | – | – |
| Green | AML51-C10G | AML51-A10G | – | AML51-F10G | AML51-H10G | – | – |
| Blue | AML51-C10B | AML51-A10B | – | AML51-F10B | -- | – | – |
| White | AML51-C10W | AML51-A10W | AML51-B10W | AML51-F10W | AML51-H10W | AML51-E10W | AML51-G10WW |
| Amber | AML51-C10A | AML51-A10A | AML51-B10A | AML51-F10A | AML51-H10A | - | - |
| Red/Yellow | – | – | – | – | – | – | AML51-G10RY |
| Red/Green | – | – | – | – | – | – | AML51-G10RG |
| Red/White | – | – | – | – | – | – | AML51-G10RW |
| Yellow/Green | – | – | – | – | – | – | AML51-G10YG |
| Green/Yellow | – | – | – | – | – | – | AML51-G10GY |
| White/Red | – | – | – | – | – | – | AML51-G10WR |
| White/Green | – | – | – | – | – | – | AML51-G10WG |
| **Two piece button (clear cap & color insert)** |   |   | |   |   | | |
| Red | AML51-C11R | – | – | AML51-F11R | AML51-H11R | – | – |
| Yellow | AML51-C11Y | – | – | AML51-F11Y | – | – | – |
| Green | AML51-C11G | – | – | AML51-F11G | AML51-H11G | – | – |
| Blue | AML51-C11B | – | – | AML51-F11B | – | – | AML51-G11BB |
| White | AML51-C11W | AML51-A11W | – | AML51-F11W | – | – | AML51-G11WW |
| Amber | – | – | – | AML51-F11A | AML51-H11A | – | – |
| Red/Green | – | – | – | – | – | – | AML51-G11RG |
| Yellow/White | – | – | – | – | – | – | AML51-G11YW |
| Green/Red | – | – | – | – | – | – | AML51-G11GR |
| **Dead Front, two piece button (gray cap & color insert)** | | | | | | | |
| Red | AML51-C30R | – | – | – | AML51-H30R | – | – |
| Yellow | – | – | – | – | – | – | – |
| Green | AML51-C30G | AML51-A30G | – | – | – | – | – |
| Blue | – | – | – | – | – | – | – |
| White | AML51-C30W | AML51-A30W | – | – | – | – | – |
| Amber | AML51-C30A | – | – | – | – | – | – |
| Red/Green | – | – | – | – | – | – | AML51-G30RG |
| **Projected color, white cap and color insert*** | | | | | | | |
| Red | AML51-C50R | – | – | AML51-F50R | – | – | – |
| Yellow | AML51-C50Y | – | – | – | – | – | – |
| Green | AML51-C50G | – | – | AML51-F50G | – | – | – |
| Blue | – | – | – | – | – | – | – |
| White* | – | – | – | AML51-F50W | AML51-H50W | – | AML51-G50WW |
| Amber | AML51-C50A | – | – | – | – | – | – |
| White*/Blue | – | – | – | – | – | – | AML51-G50WB |

*When projected color is white, white cap is furnished with clear insert
**For AML51 Series Buttons Style C, A, B, F, H, E, or G from table above with Legends refer to Figure 52

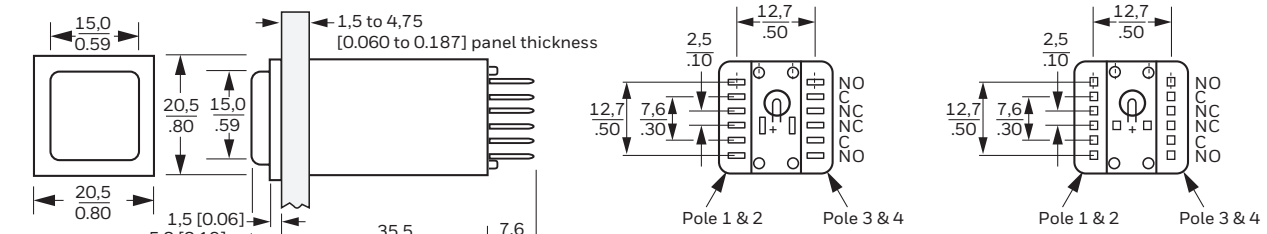
**Figure 5. AML21 and AML31 Series Dimensions, mm [in] or mm/in**




0.020 in x 0.110 in Termination

0.025 in Square Termination

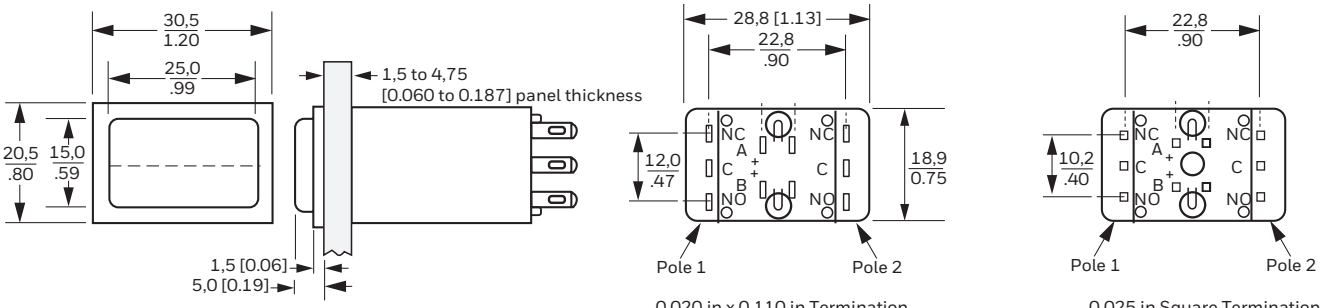
## AML21 Series Square




0.020 in x 0.110 in Termination

0.025 in Square Termination

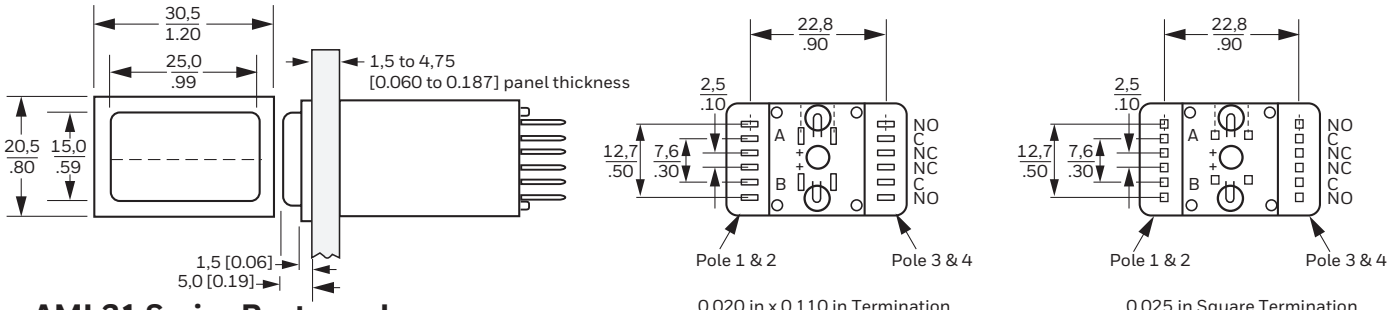
## AML21 Series Square




0.020 in x 0.110 in Termination

0.025 in Square Termination

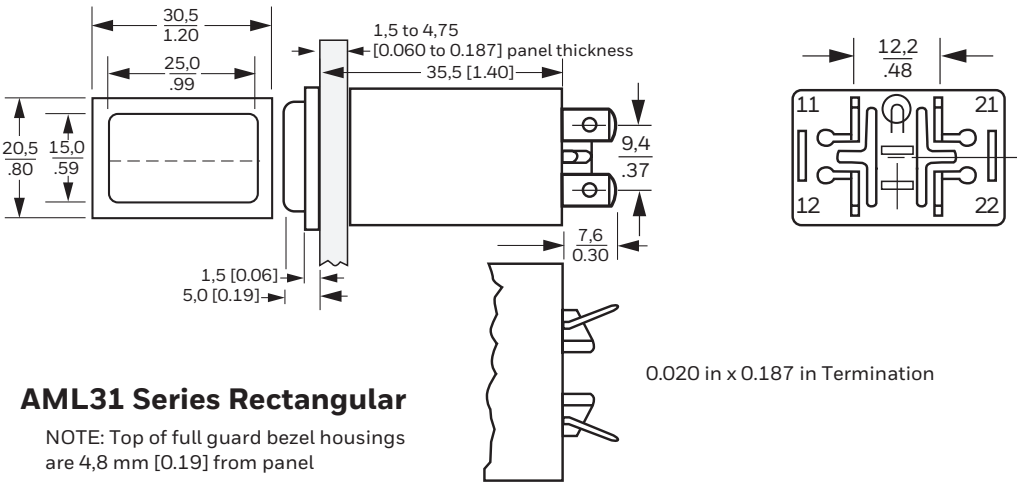
## AML21 Series Rectangular




0.020 in x 0.110 in Termination

0.025 in Square Termination

## AML21 Series Rectangular




0.020 in x 0.187 in Termination

## AML31 Series Rectangular

NOTE: Top of full guard bezel housings are 4,8 mm [0.19] from panel

**Figure 6. AML21 Series Lighted Pushbutton Nomenclature**

**AML21F** — Housing

STANDARD BEZEL

| | |
|---|---|
| **AML21C** | Square, 1 lamp circuit |
| **AML21F** | Rectangular, 1 lamp circuit |
| **AML21G** | Rectangular, 2 lamp circuits |

FULL-GUARD BEZEL

| | |
|---|---|
| **AML21J** | Square, 1 lamp circuit |
| **AML21L** | Rectangular, 1 lamp circuit |
| **AML21M** | Rectangular, 2 lamp circuits |

**B** — Bezel Color

| | |
|---|---|
| **B** | Black |

**B** — Incandescent Lamp Type

| | |
|---|---|
| **A** | No lamp provided |
| **B** | 6 V Lamp (#86) |
| **C** | 14 V Lamp (#77) |
| **E** | 28 V Lamp (#85) |

**2** — Terminal Type

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] Quick-connect or Solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] Push-on or Printed Ckt. |

**AA** — Number of Poles & Contact Material

SILVER CONTACTS

| | |
|---|---|
| **AA** | 1PDT, Momentary |
| **AC** | 2PDT, Momentary |
| **CC** | 4PDT, Momentary |
| **AB** | 1PDT, Alt-action (Push-on, Push-off) |
| **AD** | 2PDT, Alt-action (Push-on, Push-off) |
| **CD** | 4PDT, Alt-action (Push-on, Push-off) |

GOLD CONTACTS

| | |
|---|---|
| **BA** | 1PDT, Momentary |
| **BC** | 2PDT, Momentary |
| **DC** | 4PDT, Momentary |
| **BB** | 1PDT, Alt-action (Push-on, Push-off) |
| **BD** | 2PDT, Alt-action (Push-on, Push-off) |
| **DD** | 4PDT, Alt-action (Push-on, Push-off) |

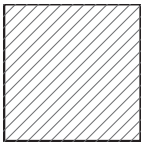
GOLD-PLATED SILVER

| | |
|---|---|
| **EA** | 1PDT, Momentary |
| **EC** | 2PDT, Momentary |
| **EB** | 1PDT, Alt-action (Push-on, Push-off) |
| **ED** | 2PDT, Alt-action (Push-on, Push-off) |

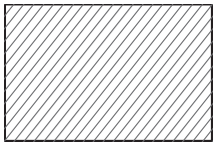
NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance.

## Panel Cutouts for Single Station, Front-of-Panel Mounting

**WITHOUT BARRIERS**

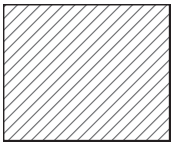


19,05 [0.750] Square

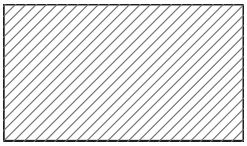


28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS[1]**

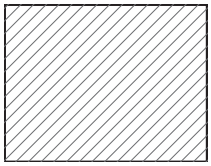


23,25 [0.915] x 19,05 [0.750]



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS[1]**



28,98 [1.141] x 23,25 [0.915]

[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 7. AML31 Series Lighted Pushbutton Nomenclature**

| AML31F | B | B | 4 | AA |
|---|---|---|---|---|
| Housing/Bezel | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles (Silver Contacts) |

**Housing/Bezel**

STANDARD

| | |
|---|---|
| **AML31F** | Rectangular, 1 lamp circuit |

FULL-GUARD

| | |
|---|---|
| **AML31L** | Rectangular, 1 lamp circuit |

**Bezel Color**

| | |
|---|---|
| **B** | Black |

**Incandescent Lamp Type**

| | |
|---|---|
| **A** | No lamp provided |
| **B** | 6 V Lamp (#86) |
| **C** | 14 V Lamp (#77) |
| **E** | 28 V Lamp (#85) |

**Terminal Type**

| | |
|---|---|
| **4** | 4,75 mm x 0,51 mm [0.187 in x 0.020 in] Quick-connect |

**Number of Poles (Silver Contacts)**

| | |
|---|---|
| **AC** | 2PST normally open double break, momentary |
| **AD** | 2PST normally open double break, Alt-action (Push-on, Push-off) |

NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance.

**Figure 8. AML51 Buttons for AML21 Switches, AML31 Switches and AML41 Indicators Nomenclature**

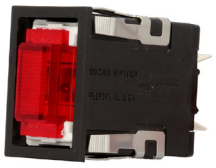
*For incandescent lighted or unlighted pushbuttons and indicators with pushbutton style displays*

**AML51-C** **11** **R**

| | Pushbutton Style Cap Housing | | Display Type | | Full Color or 1st Color Split | | 2nd Color Split (if required) | |
|---|---|---|---|---|---|---|---|---|
| SQUARE | **AML51-C** | 0.19 inch button height | **10** | Transmitted color, one-piece color cap (no legend) | **R** | Red | **R** | Red |
| SQUARE | **AML51-A** | 0.32 inch button height | **20** | Transmitted color, one-piece color cap (legend on cap) | **Y** | Yellow | **Y** | Yellow |
| SQUARE | **AML51-B*** | 0.43 inch button height | **11** | Transmitted color, clear cap with color insert (no legend) | **G** | Green | **G** | Green |
| SQUARE | **AML51-D** | 0.19 inch button height with split for AML41 two lamp indicator | **21** | Transmitted color, clear cap with color insert (Legend on insert) | **B** | Blue | **B** | Blue |
| | | | **30** | Dead front (smoke gray cap with color insert) | **W** | *** White | **W** | *** White |
| | | | **50** | ***Projected color (white cap and color insert) | **K** | Black | **K** | Black |
| RECTANGULAR | **AML51-F** | 0.19 inch button height | | | **L** | Gray | **L** | Gray |
| RECTANGULAR | **AML51-H** | 0.32 inch button height | | | **A** | **** Amber | **A** | **** Amber |
| RECTANGULAR | **AML51-E*** | 0.43 inch button height | | | | | | |
| RECTANGULAR | **AML51-G** | 0.19 inch button height for 2 lamps - split along long axis | | | | | | |
| RECTANGULAR | **AML51-N**** | 0.32 inch button height for 2 lamps - split along long axis | | | | | | |

NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance
Note: Dimensions include the 0.06 inch standard bezel
Note: Black and gray buttons not recommended for lighted displays
*Available with transmitted color (10) only
**Not available with transmitted color (10)
***Insert is clear when display type (50) is specified with white(W) color
****Available with display type "transmitted color" and "dead front" only

**Operator with Integral Contact Block**
(see Tables 12 and 13)



+

**Button** (see Table 14)

**Complete Unit**

- 0.187 in x 0.020 in quick connect or solder terminals

**Table 12. AML32 Series Lighted Power-duty Pushbutton with Integral Neon Lamp Catalog Listings**

| | | | Standard Black Bezel (1,52 mm [0.06 in] above panel) | |
|---|---|---|---|---|
| **Circuitry, Form X** | **Contact Material** | **Neon Lamp, Voltage, & Color** | **Rectangular Housing; 1 Independent lamp ckt** | **Rectangular Housing ; 1 Integral lamp ckt** |
| 2PST normally open momentary (Form X) | Silver | 125 Vac, Red | AML32FBB4AC | – |
| 2PST normally open momentary (Form X) | Silver | 125 Vac, Clear | AML32FBK4AC | – |
| 2PST normally open alt-action (Form X) | Silver | 125 Vac, Red | AML32FBB4AD | AML32FBB7AD |
| 2PST normally open alt-action (Form X) | Silver | 125 Vac, Clear | AML32FBK4AD | AML32FBK7AD |
| 2PST normally open alt-action (Form X) | Silver | 125 Vac Green | – | AML32FBM7AD |
| 2PST normally open alt-action (Form X) | Silver | 250 Vac, Red | AML32FBC4AD | AML32FBC7AD |
| 2PST normally open alt-action (Form X) | Silver | 250 Vac, Clear | – | AML32FBL7AD |
| 2PST normally open alt-action (Form X) | Silver | 250 Vac, Green | AML32FBP4AD | AML32FBP7AD |

**Table 13. AML32 Series Lighted Power-duty Pushbutton with Integral Neon Lamp Catalog Listings**

| | | | Full Guard Black Bezel (5,0 mm [0.19 in] above panel) | |
|---|---|---|---|---|
| **Circuitry, Form X** | **Contact Material** | **Neon Lamp, Voltage, & Color** | **Rectangular Housing; 1 Independent lamp ckt** | **Rectangular Housing ; 1 Integral lamp ckt** |
| 2PST normally open alt-action (Form X) | Silver | 250 Vac, Red | – | AML32LBC7AD |
| 2PST normally open alt-action (Form X) | Silver | 250 Vac, Green | – | AML32LBP7AD |

*Note: AML32 Series Switches with neon lamps require a rectangular AML52-N style button in Table 14*

**Table 14. AML52-N Series Rectangular Buttons for Neon Switches**

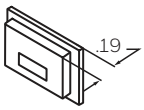
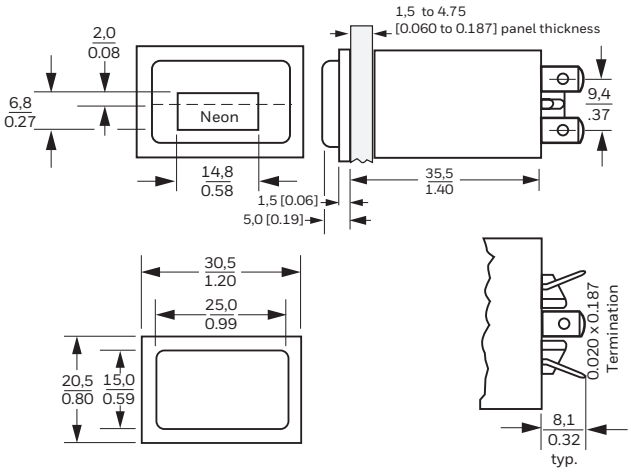
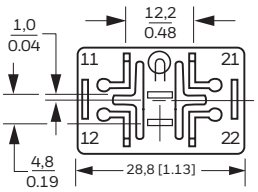
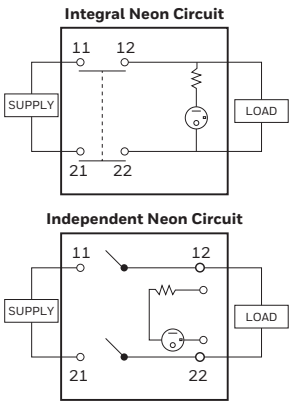
| **Button Color** | **Catalog Listing**  |
|---|---|
| Red | AML52-N10R |
| Green | AML52-N10G |
| Blue | AML52-N10B |
| White | AML52-N10W |
| Black | AML52-N10K |

**Figure 9. AML32 Series Dimensions mm [in] or mm/in**



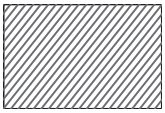

NOTE: Top of Full Guard Bezel Housings are 0.19 in from Panel



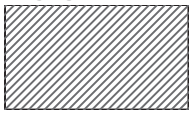

**Panel Cutouts**

**WITHOUT BARRIERS**



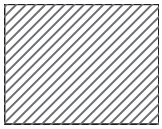
28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS**



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS**



28,98 [1.141] x 23,25 [0.915]

[1] Table 47 describes barrier options. Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 10. AML32 Series Lighted Neon Pushbutton Nomenclature**

| AML32F | B | B | 4 | AC |
|---|---|---|---|---|
| Housing (Bezel) | Bezel Color | Integral Neon Lamp Voltage/Color | Terminal Type | Number of Poles (Silver Contacts) |

**Housing (Bezel)**

STANDARD

| | |
|---|---|
| **AML32F** | Rectangular, 1 neon lamp circuit |

FULL-GUARD

| | |
|---|---|
| **AML32L** | Rectangular, 1 neon lamp circuit |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

**Bezel Color**

| | |
|---|---|
| **B** | Black |

**Integral Neon Lamp Voltage/Color**

| | | |
|---|---|---|
| RED | **B** | 125 Vac |
| | **C** | 250 Vac |
| CLEAR | **K** | 125 Vac |
| | **L** | 250 Vac |
| GREEN | **M** | 125 Vac |
| | **P** | 250 Vac |

**Terminal Type**

| | |
|---|---|
| **4** | 4,75 mm x 0,51 mm [0.187 in x 0.020 in] Quick-connect with independent lamp circuit |
| **7** | 4,75 mm x 0,51 mm [0.187 x 0.020 in] Quick-connect with integral lamp circuit |

**Number of Poles (Silver Contacts)**

| | |
|---|---|
| **AC** | 2PST normally open double break, momentary |
| **AD** | 2PST normally open double break, Alt-action (Push-on, Push-off) |

**Figure 11. AML52-N Buttons for AML32 Switches Nomenclature**

| AML52-N | 10 | R |
|---|---|---|
| Pushbutton Style Cap Rectangular Housing | Display Type | Button Color |

| | |
|---|---|
| **AML52-N** | 0.19 inch button height |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

| | |
|---|---|
| **R** | Red |
| **Y** | Yellow |
| **G** | Green |
| **B** | Blue |
| **W** | White |
| **K** | Black |
| **L** | Gray |
| **A** | Amber |

**Operator with Integral Contact Block**
(see Tables 15 & 16)

+

**Button** (see Table 17)

**Complete Unit**

- 0.110 in x 0.020 in quick connect or solder terminals

**Table 15. AML22 Series Lighted Pushbuttons with Integral LED Catalog Listings**

| | | LED Description | | Square Housing | |
|---|---|---|---|---|---|
| **Circuitry, Form C** | **Contact Material** | **Supply Voltage (dc)** | **Color** | **1 LED** | **1 LED with Diode Protection**** |
| 1PDT momentary | Silver | V* | Red | AML22CBB2AA | – |
| 1PDT momentary | Gold | V* | Red | AML22CBB2BA | – |
| 1PDT momentary | Silver | V* | Yellow | AML22CBH2AA | – |
| 1PDT momentary | Silver | V* | Green | AML22CBR2AA | – |
| 1PDT momentary | Gold | V* | Green | AML22CBR2BA | AML22CBR8BA |
| 1PDT momentary | Silver | 5 V | Red | AML22CBC2AA | AML22CBC8AA |
| 1PDT momentary | Silver | 5 V | Yellow | AML22CBJ2AA | – |
| 1PDT momentary | Silver | 5 V | Green | AML22CBS2AA | – |
| 1PDT momentary | Gold | 5 V | Green | AML22CBS2BA | – |
| 1PDT momentary | Silver | 15 V | Red | AML22CBE2AA | – |
| 1PDT momentary | Silver | 15 V | Yellow | AML22CBL2AA | – |
| 1PDT momentary | Silver | 15 V | Green | AML22CBW2AA | – |
| 1PDT momentary | Gold | 15 V | Green | – | AML22CBW8BA |
| 1PDT momentary | Silver | 24 V | Red | AML22CBF2AA | – |
| 1PDT momentary | Gold | 24 V | Red | AML22CBF2BA | – |
| 1PDT momentary | Gold-Plated Siver Contacts | 24 V | Red | AML22CBF2EA | – |
| 1PDT momentary | Silver | 24 V | Yellow | AML22CBM2AA | – |
| 1PDT momentary | Gold | 24 V | Yellow | AML22CBM2BA | AML22CBM8BA |
| 1PDT momentary | Gold-Plated Siver Contacts | 24 V | Yellow | AML22CBM2EA | – |
| 1PDT momentary | Silver | 24 V | Green | AML22CBX2AA | AML22CBX8AA |
| 1PDT momentary | Gold | 24 V | Green | AML22CBX2BA | – |
| 2PDT momentary | Silver | V* | Red | AML22CBB2AC | – |
| 2PDT momentary | Gold | V* | Red | – | AML22CBB8BC |
| 2PDT momentary | Silver | V* | Yellow | AML22CBH2AC | – |
| 2PDT momentary | Silver | V* | Green | AML22CBR2AC | AML22CBR8AC |
| 2PDT momentary | Gold | V* | Green | AML22CBR2BC | – |
| 2PDT momentary | Silver | 5 V | Red | AML22CBC2AC | – |
| 2PDT momentary | Gold | 5 V | Red | AML22CBC2BC | – |
| 2PDT momentary | Silver | 5 V | Yellow | AML22CBJ2AC | – |
| 2PDT momentary | Silver | 5 V | Green | AML22CBS2AC | AML22CBS8AC |
| 2PDT momentary | Silver | 15 V | Red | AML22CBE2AC | – |
| 2PDT momentary | Silver | 24 V | Red | AML22CBF2AC | AML22CBF8AC |
| 2PDT momentary | Gold-Plated Siver Contacts | 24 V | Red | AML22CBF2EC | – |
| 2PDT momentary | Silver | 24 V | Yellow | AML22CBM2AC | – |
| 2PDT momentary | Gold | 24 V | Yellow | AML22CBM2BC | – |
| 2PDT momentary | Gold-Plated Siver Contacts | 24 V | Yellow | AML22CBM2EC | – |
| 2PDT momentary | Silver | 24 V | Green | AML22CBX2AC | AML22CBX8AC |
| 2PDT momentary | Gold | 24 V | Green | AML22CBX2BC | AML22CBX8BC |

**The LED does not include an internal resistor. A suitable external resistor must be added to the LED circuit for a nominal current of 20 mA*

***Reference Table 48 for information*

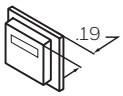
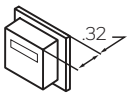
**Table 16. AML22 Series Lighted Pushbuttons with Integral LED Catalog Listings**

| | | LED Description | | Square Housing | |
|---|---|---|---|---|---|
| **Circuitry, Form C** | **Contact Material** | **Supply Voltage (dc)** | **Color** | **1 LED** | **1 LED with Diode Protection**** |
| 4PDT momentary | Silver | V* | Red | – | AML22CBB8CC |
| 4PDT momentary | Silver | 5 V | Green | AML22CBS2CC | – |
| 4PDT momentary | Gold | 24 V | Red | – | AML22CBF8DC |
| 4PDT momentary | Silver | 24 V | Yellow | AML22CBM2CC | – |
| 4PDT momentary | Gold | 24 V | Green | – | AML22CBX8DC |
| 1PDT alt-action | Silver | V* | Red | AML22CBB2AB | – |
| 1PDT alt-action | Silver | V* | Yellow | AML22CBH2AB | – |
| 1PDT alt-action | Silver | V* | Green | AML22CBR2AB | – |
| 1PDT alt-action | Gold-Plated Siver Contacts | V* | Green | AML22CBR2EB | – |
| 1PDT alt-action | Silver | 5 V | Red | AML22CBC2AB | – |
| 1PDT alt-action | Silver | 5 V | Green | AML22CBS2AB | AML22CBS8AB |
| 1PDT alt-action | Gold-Plated Siver Contacts | 5 V | Green | AML22CBS2EB | – |
| 1PDT alt-action | Silver | 15 V | Yellow | AML22CBL2AB | – |
| 1PDT alt-action | Silver | 15 V | Green | AML22CBW2AB | – |
| 1PDT alt-action | Silver | 24 V | Red | AML22CBF2AB | – |
| 1PDT alt-action | Gold | 24 V | Red | AML22CBF2BB | – |
| 1PDT alt-action | Silver | 24 V | Yellow | AML22CBM2AB | AML22CBM8AB |
| 1PDT alt-action | Gold | 24 V | Yellow | AML22CBM2BB | – |
| 1PDT alt-action | Silver | 24 V | Green | AML22CBX2AB | – |
| 2PDT alt-action | Silver | V* | Red | AML22CBB2AD | AML22CBB8AD |
| 2PDT alt-action | Silver | V* | Yellow | AML22CBH2AD | – |
| 2PDT alt-action | Gold-Plated Siver Contacts | V* | Yellow | AML22CBH2ED | – |
| 2PDT alt-action | Silver | V* | Green | AML22CBR2AD | AML22CBR8AD |
| 2PDT alt-action | Gold | V* | Green | AML22CBR2BD | – |
| 2PDT alt-action | Silver | 5 V | Red | AML22CBC2AD | – |
| 2PDT alt-action | Silver | 5 V | Yellow | AML22CBJ2AD | – |
| 2PDT alt-action | Silver | 5 V | Green | AML22CBS2AD | AML22CBS8AD |
| 2PDT alt-action | Gold | 5 V | Green | AML22CBS2BD | AML22CBS8BD |
| 2PDT alt-action | Silver | 15 V | Red | AML22CBE2AD | – |
| 2PDT alt-action | Silver | 15 V | Yellow | AML22CBL2AD | – |
| 2PDT alt-action | Silver | 15 V | Green | AML22CBW2AD | – |
| 2PDT alt-action | Silver | 24 V | Red | AML22CBF2AD | AML22CBF8AD |
| 2PDT alt-action | Silver | 24 V | Yellow | AML22CBM2AD | – |
| 2PDT alt-action | Gold | 24 V | Yellow | AML22CBM2BD | – |
| 2PDT alt-action | Silver | 24 V | Green | AML22CBX2AD | AML22CBX8AD |
| 2PDT alt-action | Gold | 24 V | Green | AML22CBX2BD | AML22CBX8BD |
| 2PDT alt-action | Gold-Plated Siver Contacts | 24 V | Green | AML22CBX2ED | – |
| 4PDT alt-action | Silver | 15 V | Yellow | AML22CBL2CD | – |
| 4PDT alt-action | Silver | 24 V | Red | AML22CBF2CD | – |
| 4PDT alt-action | Silver | 24 V | Yellow | AML22CBM2CD | – |
| 4PDT alt-action | Gold | 24 V | Yellow | – | AML22CBM8DD |

**The LED does not include an internal resistor. A suitable external resistor must be added to the LED circuit for a nominal current of 20 mA*

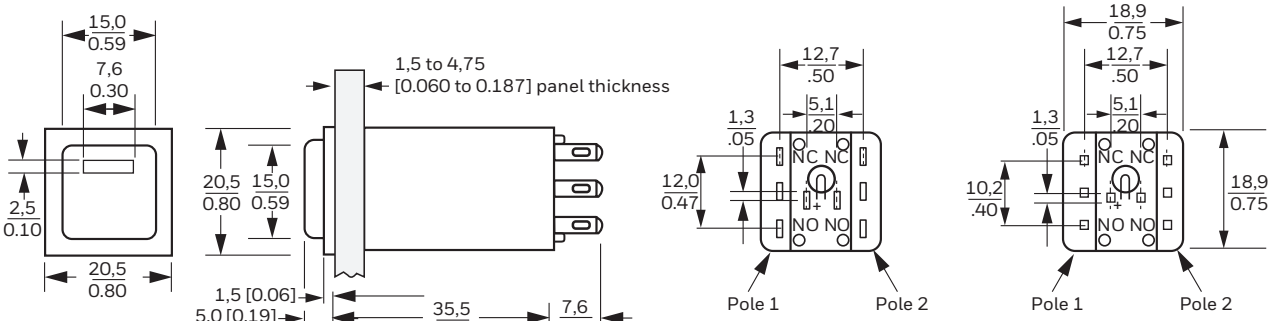
***Reference Table 48 for information*

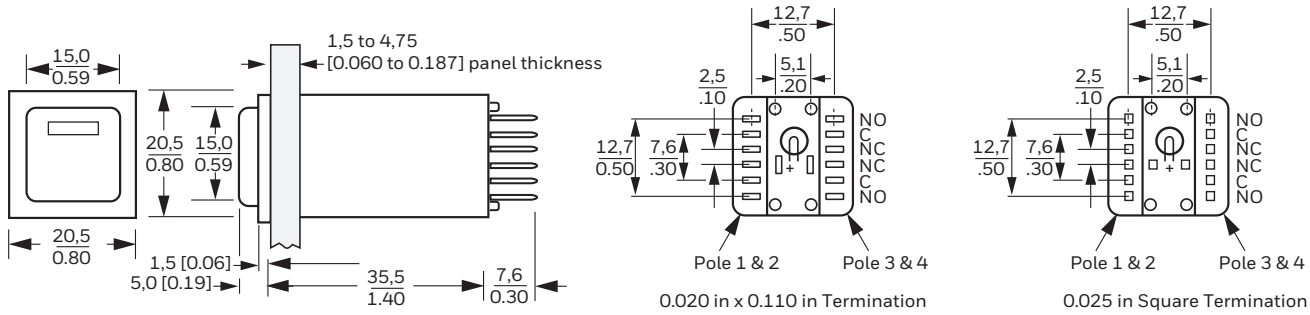
**Table 17. AML52 Series Buttons without Legend for AML22 Series LED Pushbuttons****

| Button Color | AML52-C Series (Standard) | AML52-A Series (Optional) |
|---|---|---|
| One piece button |   |   |
| Red | AML52-C10R | AML52-A10R |
| Yellow | AML52-C10Y | AML52-A10Y |
| Green | AML52-C10G | AML52-A10G |
| Blue | AML52-C10B | AML52-A10B |
| White | AML52-C10W | AML52-A10W |
| Black | AML52-C10K | AML52-A10K |
| Gray | AML52-C10L | – |

***For AML52 Series LED Lighted Buttons Style C or A from table above with Legends contact the local Honeywell source*

**Figure 12. AML22 Series Dimensions, mm [in] or mm/in**




## Panel Cutouts for Single Station, Front-of-Panel Mounting

**WITHOUT BARRIERS** **WITH SHORT BARRIERS[1]**

19,05 [0.750] Square

23,25 [0.915] x 19,05 [0.750]

[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 13. AML22 Series LED Lighted Pushbutton Nomenclature**

**AML22C** **B** **B** **2** **AA**

### Housing (Bezel)

STANDARD

| | |
|---|---|
| **AML22C** | Square, 1 LED lamp circuit |

FULL-GUARD

| | |
|---|---|
| **AML22J** | Square, 1 LED lamp circuit |

### Bezel Color

| | |
|---|---|
| **B** | Black |

### LED Color & Voltage

| | | |
|---|---|---|
| RED | **B** | Vdc* |
| | **C** | 5 Vdc |
| | **D** | 10 Vdc |
| | **E** | 15 Vdc |
| | **F** | 24 Vdc |
| YELLOW | **H** | Vdc* |
| | **J** | 5 Vdc |
| | **K** | 10 Vdc |
| | **L** | 15 Vdc |
| | **M** | 24 Vdc |
| GREEN | **R** | Vdc* |
| | **S** | 5 Vdc |
| | **T** | 10 Vdc |
| | **W** | 15 Vdc |
| | **X** | 24 Vdc |

### Terminal Type

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] Quick-connect or Solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] Push-on or Printed Ckt. |
| **8** | 2,8 mm x 0,5 mm [0.110 x 0.020 in] Quick-connect or solder w/ diode protection |

### Number of Poles & Contact Material

| | | |
|---|---|---|
| SILVER CONTACTS | **AA** | 1PDT, Momentary |
| | **AC** | 2PDT, Momentary |
| | **CC** | 4PDT, Momentary |
| | **AB** | 1PDT, Alt-action (Push-on, Push-off) |
| | **AD** | 2PDT, Alt-action (Push-on, Push-off) |
| | **CD** | 4PDT, Alt-action (Push-on, Push-off) |
| GOLD CONTACTS | **BA** | 1PDT, Momentary |
| | **BC** | 2PDT, Momentary |
| | **DC** | 4PDT, Momentary |
| | **BB** | 1PDT, Alt-action (Push-on, Push-off) |
| | **BD** | 2PDT, Alt-action (Push-on, Push-off) |
| | **DD** | 4PDT, Alt-action (Push-on, Push-off) |
| GOLD-PLATED SILVER | **EA** | 1PDT, Momentary |
| | **EC** | 2PDT, Momentary |
| | **EB** | 1PDT, Alt-action (Push-on, Push-off) |
| | **ED** | 2PDT, Alt-action (Push-on, Push-off) |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.
* An appropriate external series resistor must be added to the LED circuit to limit the current to a nominal 20 mA

**Figure 14. AML52 Buttons for AML22 Switches Nomenclature**

| AML52-C | 10 | R |
|---|---|---|
| Pushbutton Style Cap Square Housing | Display Type | Button Color |

| | |
|---|---|
| **AML52-C** | 0.19 inch button height |
| **AML52-A** | 0.32 inch button height |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |

| | |
|---|---|
| **R** | Red |
| **Y** | Yellow |
| **G** | Green |
| **B** | Blue |
| **W** | White |
| **K** | Black |
| **L** | Gray |
| **A** | Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

**Operator with Integral Contact Block**
(see Tables 18-20)

**+**

**Paddle cover or Rocker**
(see Tables 21 & 22)

**Complete Unit**

- 0.110 in x 0.020 in quick connect or solder terminals

**Table 18. Unlighted (2 Pos) AML23 Series Paddle and AML24 Series Rocker Switches Catalog Listings**

| No. of Poles | Contact Material | Circuits Left Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings |
|---|---|---|---|---|---|
| 1PDT | Silver | 1-2 | 2-3 | AML23EBA2AA01 | AML24EBA2AA01 |
| | Gold | 1-2 | 2-3 | – | AML24EBA2BA01 |
| | Silver | 1-2 Mom. | 2-3 | – | AML24EBA2AA02 |
| | Gold | 1-2 Mom. | 2-3 | – | AML24EBA2BA02 |
| | Silver | 1-2 | 2-3 Mom. | AML23EBA2AA03 | AML24EBA2AA03 |
| | Gold | 1-2 | 2-3 Mom. | – | AML24EBA2BA03 |
| 2PDT | Silver | 1-2, 4-5 | 2-3, 5-6 | AML23EBA2AC01 | AML24EBA2AC01 |
| | Gold | 1-2, 4-5 | 2-3, 5-6 | AML23EBA2BC01 | AML24EBA2BC01 |
| | Silver | 1-2, 4-5 Mom. | 2-3, 5-6 | – | AML24EBA2AC02 |
| | Silver | 1-2, 4-5 | 2-3, 5-6 Mom. | – | AML24EBA2AC03 |
| | Silver | 1-2, 4-5 | 2-3, 5-6 | AML23EBA2CA01* | AML24EBA2CA01* |
| | Silver | 1-2, 4-5 Mom. | 2-3, 5-6 | AML23EBA2CA02* | – |
| 4PDT | Silver | 1-2, 4-5. 7-8, 10-11 | 2-3, 5-6, 8-9, 11-12 | – | AML24EBA2CC01 |
| | Gold | 1-2, 4-5. 7-8, 10-11 | 2-3, 5-6, 8-9, 11-12 | – | AML24EBA2DC01 |

① *MICRO SWITCH identification on this side of switch housing*

*Note: All switch positions are maintained except where noted as Mom. (momentary)*

*Note: AML23 Series Paddle switches require AML53-E Series Cover (2 required) or AML53-T Series Cover from table 21*

*Note: AML24 Series Rocker switches require AML54-F Series Rocker Button (full rocker button) or AML54-T Series Button (2 piece button) from table 22.*

**These two-pole unlighted switches have the six (6) switch terminals inline on rear of housing*

## Switch Terminal Location

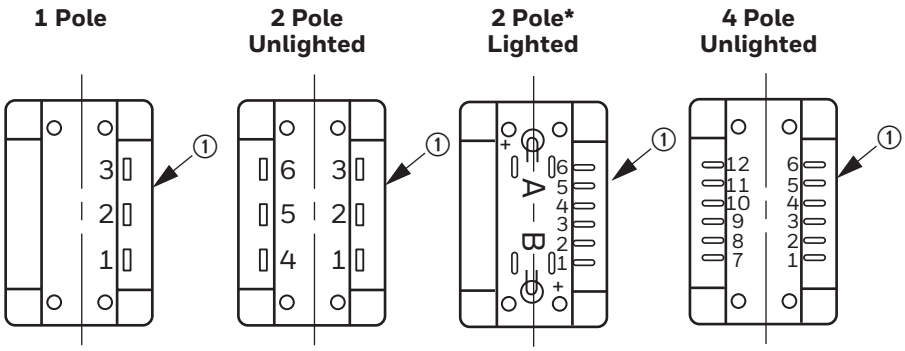
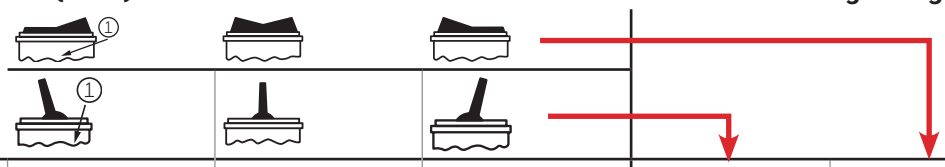


**Table 19. Unlighted (3 Pos) AML23 Series Paddle and AML24 Series Rocker Switches Catalog Listings**



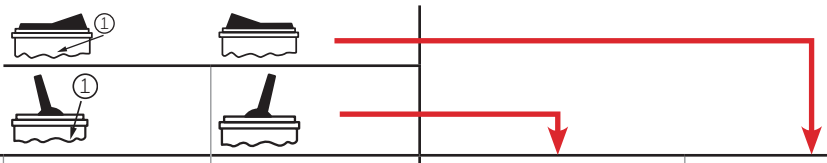
| No. of Poles | Contact Material | Circuits Left Position | Circuits Center Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings |
|---|---|---|---|---|---|---|
| 1PDT | Silver | 1-2 | OFF | 2-3 | AML23EBA2AA04 | AML24EBA2AA04 |
| | Gold | 1-2 | OFF | 2-3 | – | AML24EBA2BA04 |
| | Silver | 1-2 Mom. | OFF | 2-3 Mom. | AML23EBA2AA05 | AML24EBA2AA05 |
| | Gold | 1-2 Mom. | OFF | 2-3 Mom. | – | AML24EBA2BA05 |
| | Silver | 1-2 | OFF | 2-3 Mom. | – | AML24EBA2AA06 |
| 2PDT | Silver | 1-2, 4-5 | OFF | 2-3, 5-6 | AML23EBA2AC04 | AML24EBA2AC04 |
| | Gold | 1-2, 4-5 | OFF | 2-3, 5-6 | AML23EBA2BC04 | AML24EBA2BC04 |
| | Silver | 1-2, 4-5 Mom. | OFF | 2-3, 5-6 Mom. | – | AML24EBA2AC05 |
| | Silver | 1-2, 4-5 | OFF | 2-3, 5-6 Mom. | – | AML24EBA2AC06 |
| | Gold | 1-2, 4-5 | OFF | 2-3, 5-6 Mom. | AML23EBA2BC06 | |
| | Silver | 1-2, 4-5 Mom. | OFF | 2-3, 5-6 | – | AML24EBA2AC07 |
| | Silver | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | – | AML24EBA2CA04 |
| | Gold | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | – | AML24EBA2DA04 |
| | Silver | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 Mom. | AML23EBA2CA05* | AML24EBA2CA05* |
| | Silver | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 Mom. | – | AML24EBA2CA06* |
| 4PDT | Silver | 1-2, 4-5. 7-8, 10-11 | 2-3, 4.5, 8-9, 10-11 | 2-3, 5-6, 8-9, 11-12 | – | AML24EBA2CC04 |
| | Gold | 1-2, 4-5. 7-8, 10-11 | 2-3, 4.5, 8-9, 10-11 | 2-3, 5-6, 8-9, 11-12 | – | AML24EBA2DC04 |
| | Silver | 1-2, 4-5. 7-8, 10-11 Mom. | 2-3, 4.5, 8-9, 10-11 | 2-3, 5-6, 8-9, 11-12 Mom. | – | AML24EBA2CC05 |

① *MICRO SWITCH identification on this side of switch housing*

*Note: All switch positions are maintained except where noted as Mom. (momentary)*

**These two pole switches have the six switch terminals in line on rear of housing*

**Table 20. Power-duty Unlighted (2 Position) AML33 Series Paddle and AML34 Series Rocker Switches[1] (Maintained)**

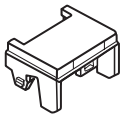
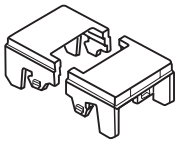


| No. of Poles | Contact Material | Circuits Left Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings |
|---|---|---|---|---|---|
| 1PST normally open(Form A) | Silver | 11-12 | OFF | AML33EBA4AA01 | AML34EBA4AA01 |
| 2PST normally open(Form A) | Silver | 11-12, 21-22 | OFF | AML33EBA4AC01 | AML34EBA4AC01 |

*Note: AML33 Series Paddle switches require AML53-E Series Cover (2 required) or AML53-T Series Cover from table 21*
*Note: AML34 Series Rocker switches require AML54-F Series Button (full rocker button) or AML54-T Series Button (2 piece rocker button) from table 22*

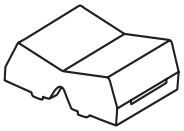
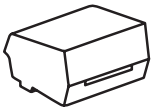
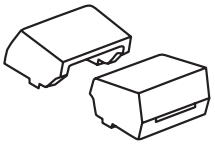
*[1] All "power-duty" pushbutton, paddle, and rocker switches (AML30 Series) have 0.187 in x 0.020 in termination*

**Table 21. AML53 Series Paddle Switch Covers without Legends for AML23 & AML33 Series Paddle Switches****

| Cover Color | AML53-E Series (1/2 Cover) (Two Required) | AML53-T Series (Two-Piece Cover) |
|---|---|---|
| |  |  |
| Red | AML53-E10R | AML53-T10RR |
| Yellow | AML53-E10Y | AML53-T10YY |
| Green | AML53-E10G | AML53-T10GG |
| Blue | AML53-E10B | - |
| White | AML53-E10W | AML53-T10WW |
| Black | AML53-E10K | AML53-T10KK |
| Red/Green | – | AML53-T10RG |
| Green/Red | – | AML53-T10GR |

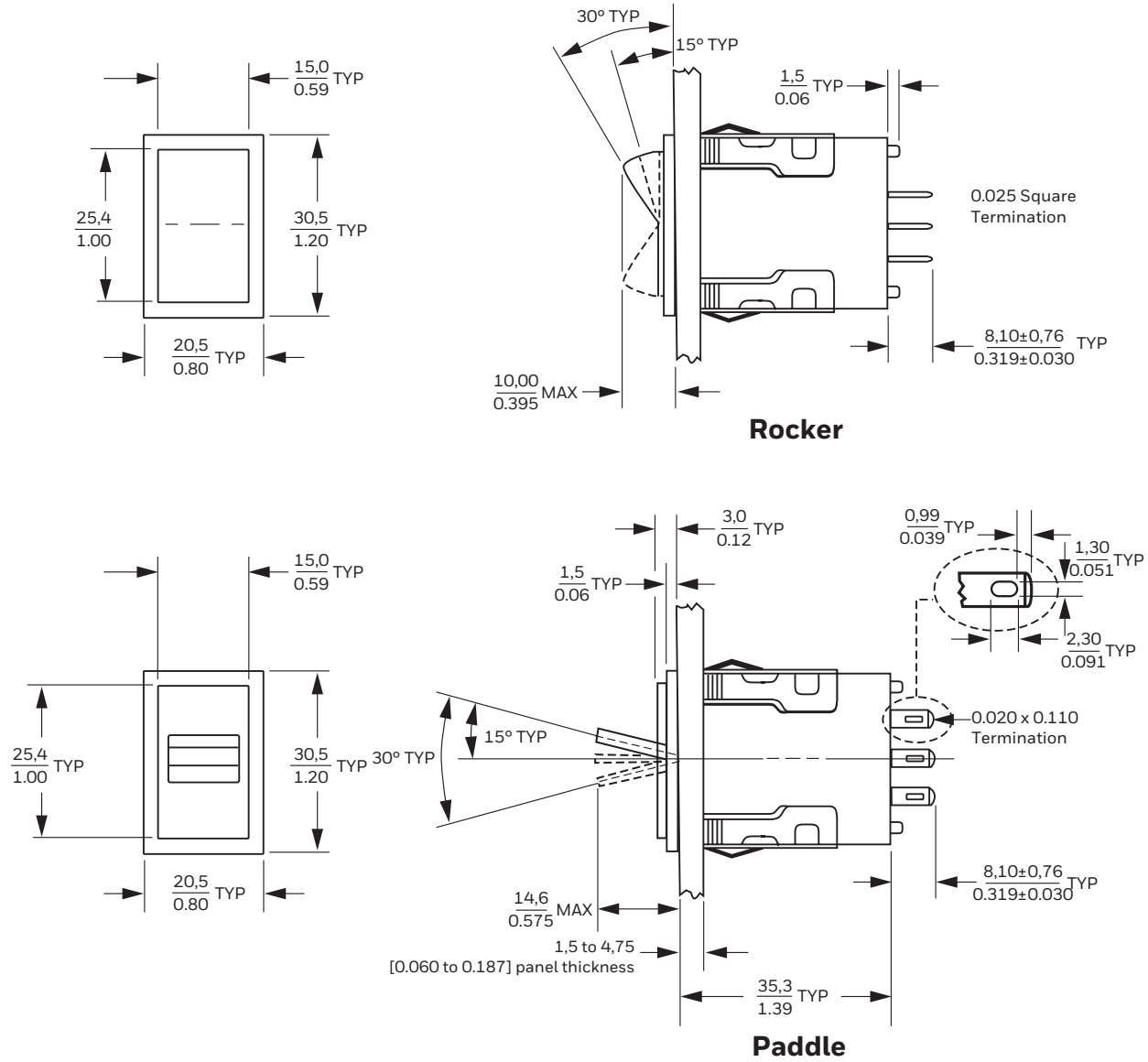
***For AML53 Series Paddle Switch Covers Style E or T from table above with Legends contact the local Honeywell source*

**Table 22. AML54 Series Rocker Switch Buttons without Legends for AML24 & AML34 Series Rocker Switches*****

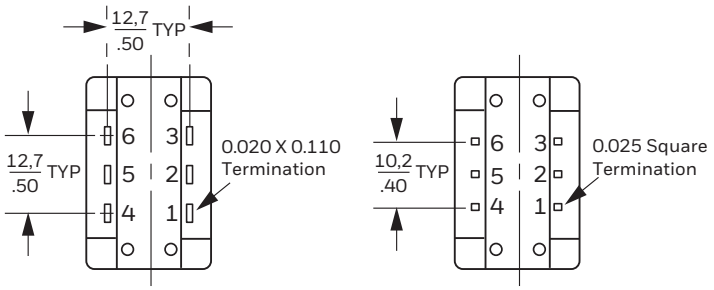
| Cover Color | AML54-F Series (Full Rocker Button) | AML54-E Series (1/2 Rocker Button, 2 Required) | AML54-T Series (Two-Piece Button) |
|---|---|---|---|
| |  |  |  |
| Red | AML54-F10R | AML54-E10R | AML54-T10RR |
| Yellow | AML54-F10Y | – | – |
| Green | AML54-F10G | AML54-E10G | AML54-T10GG |
| Blue | AML54-F10B | – | AML54-T10BB |
| White | AML54-F10W | AML54-E10W | – |
| Amber | AML54-F10A | – | – |
| Black | AML54-F10K | AML54-E10K | AML54-T10KK |
| Gray | AML54-F10L | – | AML54-T10LL |
| Red/Yellow | – | – | AML54-T10RY |
| Red/Green | – | – | AML54-T10RG |
| Green/Red | – | – | AML54-T10GR |
| Green/Yellow | – | – | AML54-T10GY |
| Blue/White | – | – | AML54-T10BW |

****For AML54 Series Rocker Switch Operator Style E, F, or T from table above with Legends contact the local Honeywell source*

**Figure 15. AML23 and AML24 Series Dimensions, mm [in] or mm/in**




**ONE AND TWO POLE**




**FOUR POLE**

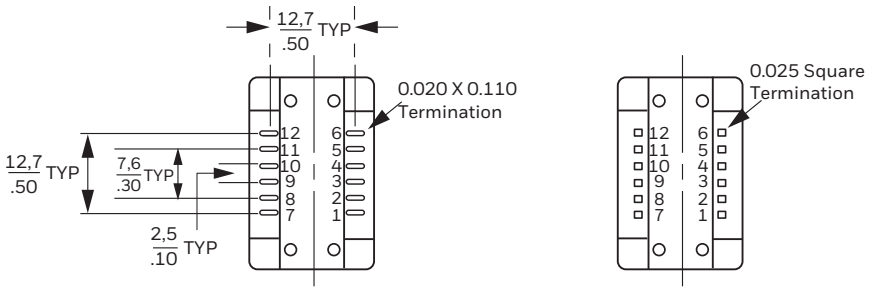
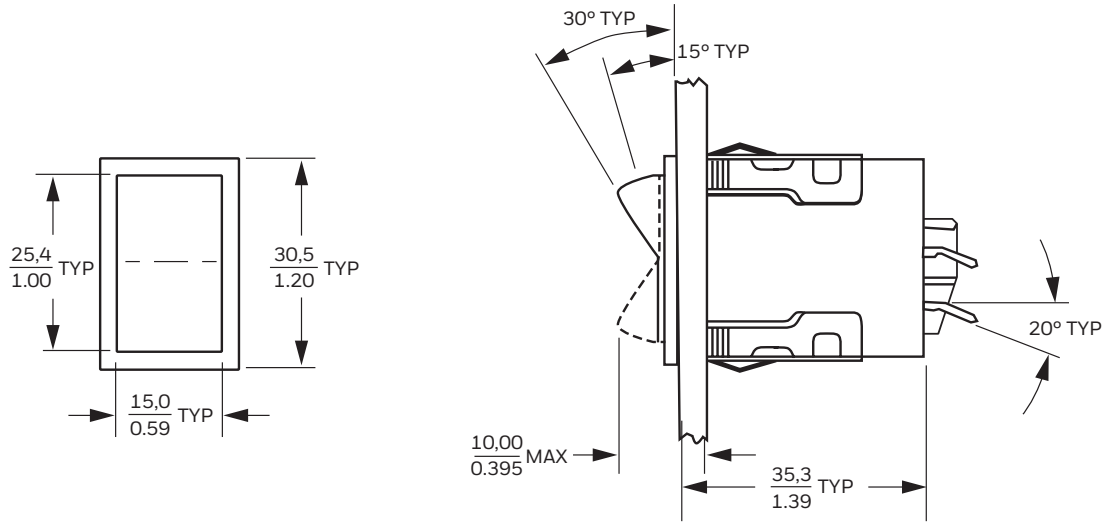
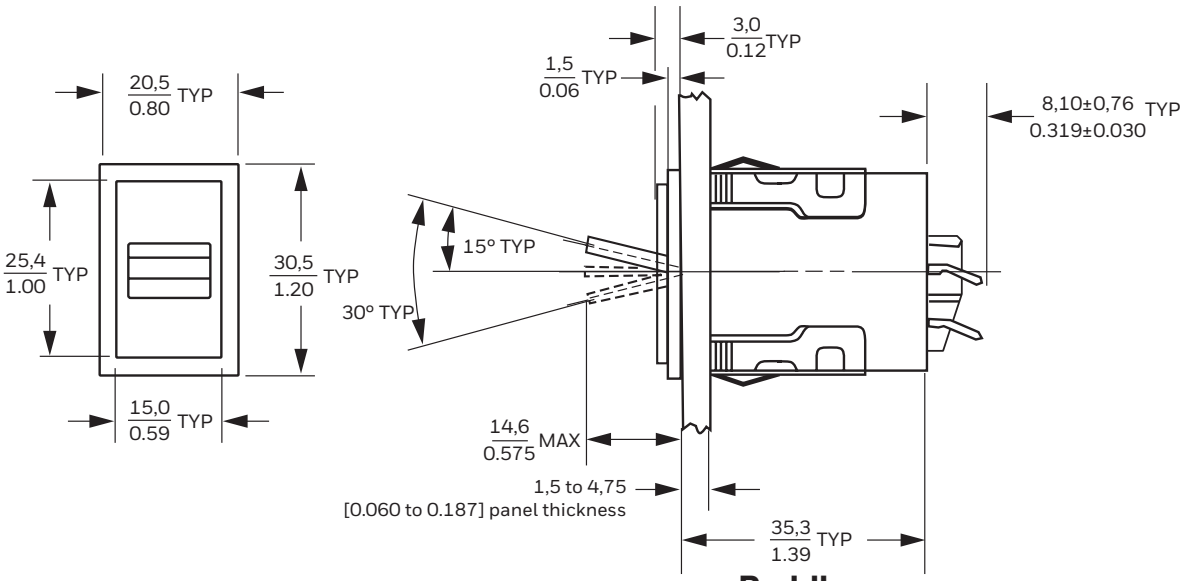


**Figure 16. AML33 and AML34 Series Dimensions, mm[in] or mm/in**

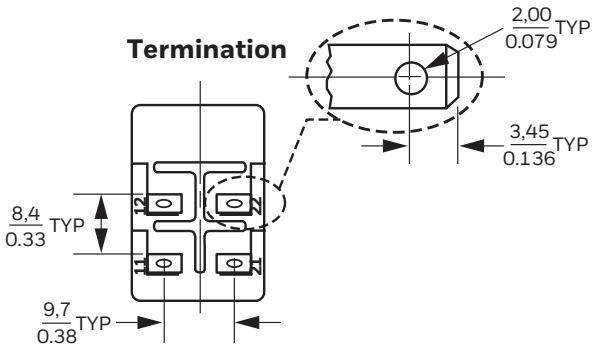



**Rocker**




**Paddle**

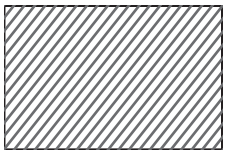
**Termination**




**Unlighted**

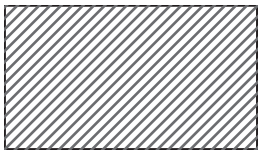
**Panel Cutouts for AML20 and AML30 Series Paddles and Rockers**

**WITHOUT BARRIERS**



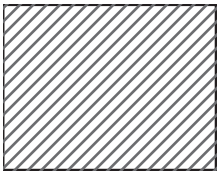
28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS[1]**



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS[1]**



28,98 [1.141] x 23,25 [0.915]

[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 17. AML23 Series Unlighted Paddle Switches Nomenclature**

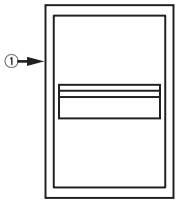
| AML23E | B | A | 2 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Paddle | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles and Contact Material | Operator Positions and Action[2] |

**AML23E** Unlighted

**B** Black

**A** No lamp circuit

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |




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

| SILVER CONTACTS | GOLD CONTACTS | |
|---|---|---|
| **AA** | **BA** | One SPDT |
| **AC** | **BC** | Two SPDT (unlighted switches only) |
| **CA** | **DA** | Two SPDT |
| **CC** | **DC** | Four SPDT (unlighted switches only) |

| | | |
|---|---|---|
| TWO POSITION | **01** | Left: maintained<br>Right: maintained |
| | **02** | Left: momentary<br>Right: maintained |
| | **03** | Left: maintained<br>Right: momentary |
| THREE POSITION | **04** | Left: maintained<br>Center: maintained<br>Right: maintained |
| | **05** | Left: momentary<br>Center: maintained<br>Right: momentary |
| | **06** | Left: maintained<br>Center: maintained<br>Right: momentary |
| | **07** | Left: momentary<br>Center: maintained<br>Right: maintained |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 18 or 19.

**Figure 18. AML24 Unlighted Rocker Switches Series Nomenclature**

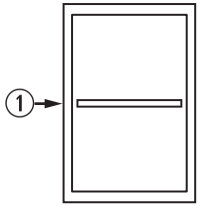
| AML24E | B | A | 2 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Rocker | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles and Contact Material | Operator Positions and Action[2] |

| | |
|---|---|
| **AML24E** | Unlighted |

| | |
|---|---|
| **B** | Black |

| | |
|---|---|
| **A** | No lamp circuit |

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |




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

| SILVER CONTACTS | GOLD CONTACTS | |
|---|---|---|
| **AA** | **BA** | One SPDT |
| **AC** | **BC** | Two SPDT (unlighted switches only) |
| **CA** | **DA** | Two SPDT |
| **CC** | **DC** | Four SPDT (unlighted switches only) |

| | | |
|---|---|---|
| TWO POSITION | **01** | Left: maintained<br>Right: maintained |
| | **02** | Left: momentary<br>Right: maintained |
| | **03** | Left: maintained<br>Right: momentary |
| THREE POSITION | **04** | Left: maintained<br>Center: maintained<br>Right: maintained |
| | **05** | Left: momentary<br>Center: maintained<br>Right: momentary |
| | **06** | Left: maintained<br>Center: maintained<br>Right: momentary |
| | **07** | Left: momentary<br>Center: maintained<br>Right: maintained |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

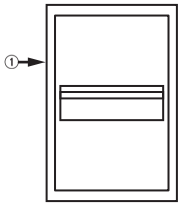
[2]Reference Table 18 or 19.

**Figure 19. AML33 Unlighted Paddle Switch Series Nomenclature**

| AML33E | B | A | 4 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Paddle | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles and Contact Material | Operator Action Two Position[2] |
| **AML33E** Unlighted | **B** Black | **A** No lamp circuit | **4** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect | SILVER CONTACTS<br>**AA** One SPSTNO (Form A)<br>**AC** Two SPSTNO (Form A) | **01** Left: maintained Right: maintained |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 20.



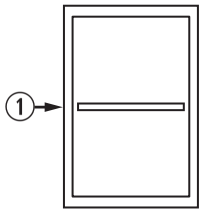

① The "MICRO SWITCH" identification is shown on this side of the switch housings

**Figure 20. AML34 Series Nomenclature**

| AML34E | B | A | 4 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Rocker | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles and Contact Material | Operator Action Two Position[2] |
| **AML34E** Unlighted | **B** Black | **A** No lamp circuit | **4** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect | SILVER CONTACTS<br>**AA** One SPSTNO (Form A)<br>**AC** Two SPSTNO (Form A) | **01** Left: maintained Right: maintained |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 20.




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

**Figure 21. AML53 Covers for AML23 and AML33 Series Paddle Switches Nomenclature**
*For incandescent lighted and unlighted paddle switches*

| | | | |
|---|---|---|---|
| **AML53-E** | **10** | **W** | |
| **AML53-T** | **11** | **R** | **G** |
| Paddle-Style Cover | Display Type | 1/2 cover or 1-side of 2-piece cover | Req'd if ordering two-piece cover |

| | |
|---|---|
| **AML53-E** | 1/2 cover (two required per switch) |
| **AML53-T** | Two-piece cover |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **11** | Transmitted color (clear cap with color insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | * White | **W** | * White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | ** Amber | **A** | ** Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance
*Insert is clear when display type (50) is specified with white (W) color
**Available with display type "transmitted color" and "dead front" only

**Figure 22. AML54 Buttons for AML24 and AML34 Series Rocker Switches Nomenclature**
*For incandescent lighted and unlighted paddle switches*

| | | | |
|---|---|---|---|
| **AML54-T** | **11** | **R** | **G** |
| Rocker Style Button | Display Type | Full Rocker, 1/2 Rocker or 1-side of 2-piece Rocker | Req'd if ordering Two-Piece Rocker |

| | |
|---|---|
| **AML54-F** | Full rocker |
| **AML54-E** | 1/2 rocker (two required per switch) |
| **AML54-T** | Two-piece rocker |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **11** | Transmitted color (clear cap with color insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | * White | **W** | * White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | ** Amber | **A** | ** Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance
*Insert is clear when display type (50) is specified with white (W) color
**Available with display type "transmitted color" and "dead front" only

**Operator with Integral Contact Block**
(see Tables 23 & 24)

+

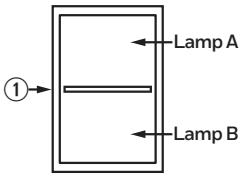
**Button**
(see Tables 25 & 26)

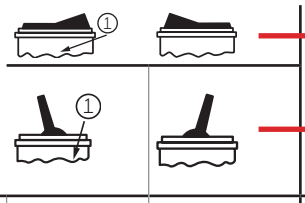
=

**Complete Unit**

- Catalog Listing with 0.110 x 0.020 quick connect or solder terminals

**Table 23. Incandescent Lighted AML23 Series Paddle and AML24 Series Rocker Switches Catalog Listings (2 Position)**



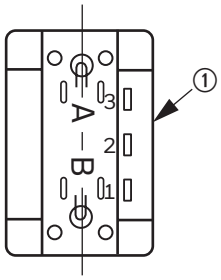

| No. of Poles | Contact Material | Lamp "A" | Lamp "B" | Circuits Left Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings | Notes |
|---|---|---|---|---|---|---|---|---|
| 1 | Silver | No lamp provided | No lamp circuit | 1-2 | 2-3 | – | AML24FBA2AA01 | One Lamp Circuit |
| 1 | Silver | 14 V lamp (#73) | No lamp circuit | 1-2 | 2-3 | – | AML24FBC2AA01 | One Lamp Circuit |
| 1 | Silver | 28 V lamp (#85) | No lamp circuit | 1-2 | 2-3 | – | AML24FBE2AA01 | One Lamp Circuit |
| 1 | Silver | No lamp provided | No lamp provided | 1-2 | 2-3 | AML23GBA2AA01 | AML24GBA2AA01 | Two Lamp Circuits |
| 1 | Gold | No lamp provided | No lamp provided | 1-2 | 2-3 | – | AML24GBA2BA01 | Two Lamp Circuits |
| 1 | Silver | No lamp provided | No lamp provided | 1-2 Mom. | 2-3 | – | AML24GBA2AA02 | Two Lamp Circuits |
| 1 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 | 2-3 | AML23GBE2AA01 | AML24GBE2AA01 | Two Lamp Circuits |
| 1 | Gold | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 | 2-3 | – | AML24GBE2BA01 | Two Lamp Circuits |
| 1 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 Mom. | 2-3 | – | AML24GBE2AA02 | Two Lamp Circuits |
| 1 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 | 2-3 Mom. | – | AML24GBE2AA03 | Two Lamp Circuits |
| 2 | Silver | No lamp provided | No lamp circuit | 1-2, 4-5 | 2-3, 5-6 | AML23FBACA01 | AML24FBA2CA01 | One Lamp Circuit |
| 2 | Silver | 28 V lamp (#85) | No lamp circuit | 1-2, 4-5 | 2-3, 5-6 | – | AML24FBE2CA01 | One Lamp Circuit |
| 2 | Gold | 28 V lamp (#85) | No lamp circuit | 1-2, 4-5 | 2-3, 5-6 | – | AML24FBE2DA01 | One Lamp Circuit |
| 2 | Silver | No lamp provided | No lamp provided | 1-2, 4-5 | 2-3, 5-6 | – | AML24GBA2CA01 | Two Lamp Circuits |
| 2 | Silver | No lamp provided | No lamp provided | 1-2, 4-5 Mom. | 2-3, 5-6 | – | AML24GBA2CA02 | Two Lamp Circuits |
| 2 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2, 4-5 | 2-3, 5-6 | – | AML24GBE2CA01 | Two Lamp Circuits |
| 2 | Gold | 28 V lamp (#85) | 28 V lamp (#85) | 1-2, 4-5 | 2-3, 5-6 | – | AML24GBE2DA01 | Two Lamp Circuits |
| 2 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2, 4-5 Mom. | 2-3, 5-6 | – | AML24GBE2CA02 | Two Lamp Circuits |
| 2 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2, 4-5 | 2-3, 5-6 Mom. | – | AML24GBE2CA03 | Two Lamp Circuits |

① *MICRO SWITCH identification on this side of switch housing*

*Note: All switch positions are maintained except where noted as Mom. (momentary)*

## AML23 and AML24 Terminal Location

**1 Pole**




**2 Pole**

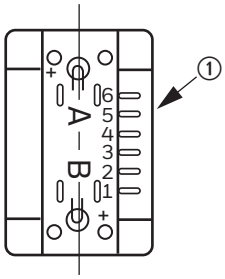
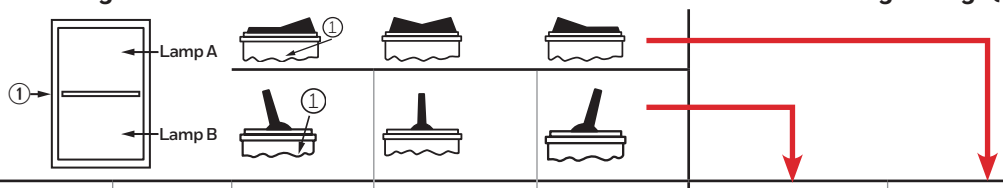


**Table 24. Incandescent Lighted AML23 Series Paddle and AML24 Series Rocker Switches Catalog Listings (3 Position)**

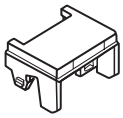
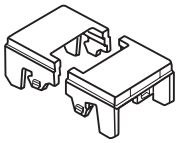



| No. of Poles | Contact Material | Lamp "A" | Lamp "B" | Circuits Left Position | Circuits Center Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings | Notes |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Silver | No lamp provided | No lamp circuit | 1-2 | OFF | 2-3 | – | AML24FBA2AA04 | One Lamp Circuit |
| 1 | Silver | No lamp provided | No lamp provided | 1-2 | OFF | 2-3 | – | AML24GBA2AA04 | Two Lamp Circuits |
| 1 | Silver | 14 V lamp (#73) | 14 V lamp (#73) | 1-2 | OFF | 2-3 | – | AML24GBC2AA04 | Two Lamp Circuits |
| 1 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 | OFF | 2-3 | AML23GBE2AA04 | AML24GBE2AA04 | Two Lamp Circuits |
| 1 | Silver | No lamp provided | No lamp circuit | 1-2 Mom. | OFF | 2-3 Mom. | – | AML24FBA2AA05 | One Lamp Circuit |
| 1 | Gold | No lamp provided | No lamp circuit | 1-2 Mom. | OFF | 2-3 Mom. | – | AML24FBA2BA05 | One Lamp Circuit |
| 1 | Silver | No lamp provided | No lamp provided | 1-2 Mom. | OFF | 2-3 Mom. | – | AML24GBA2AA05 | Two Lamp Circuits |
| 1 | Gold | No lamp provided | No lamp provided | 1-2 Mom. | OFF | 2-3 Mom. | – | AML24GBA2BA05 | Two Lamp Circuits |
| 1 | Gold | 14 V lamp (#73) | 14 V lamp (#73) | 1-2 Mom. | OFF | 2-3 Mom. | – | AML24GBC2BA05 | Two Lamp Circuits |
| 1 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 Mom. | OFF | 2-3 Mom. | AML23GBE2AA05 | AML24GBE2AA05 | Two Lamp Circuits |
| 1 | Gold | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 Mom. | OFF | 2-3 Mom. | – | AML24GBE2BA05 | Two Lamp Circuits |
| 1 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2 | OFF | 2-3 Mom. | AML23GBE2AA06 | – | Two Lamp Circuits |
| 1 | Silver | No lamp provided | No lamp provided | 1-2 Mom. | OFF | 2-3 | – | AML24GBA2AA07 | Two Lamp Circuits |
| 2 | Silver | No lamp provided | No lamp provided | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | AML23GBA2CA04 | AML24GBA2CA04 | Two Lamp Circuits |
| 2 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | AML23GBE2CA04 | AML24GBE2CA04 | Two Lamp Circuits |
| 2 | Silver | No lamp provided | No lamp circuit | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3. 5-6 Mom. | – | AML24FBA2CA05 | One Lamp Circuit |
| 2 | Silver | 28 V lamp (#85) | No lamp circuit | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3. 5-6 Mom. | – | AML24FBE2CA05 | One Lamp Circuit |
| 2 | Silver | No lamp provided | No lamp provided | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3. 5-6 Mom. | AML23GBA2CA05 | AML24GBA2CA05 | Two Lamp Circuits |
| 2 | Silver | 14 V lamp (#73) | 14 V lamp (#73) | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3. 5-6 Mom. | – | AML24GBC2CA05 | Two Lamp Circuits |
| 2 | Silver | 28 V lamp (#85) | 28 V lamp (#85) | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3. 5-6 Mom. | – | AML24GBE2CA05 | Two Lamp Circuits |
| 2 | Gold | No lamp provided | No lamp provided | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3. 5-6 Mom. | – | AML24GBA2DA05 | Two Lamp Circuits |
| 2 | Gold | 28 V lamp (#85) | 28 V lamp (#85) | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3. 5-6 Mom. | – | AML24GBE2DA05 | Two Lamp Circuits |
| 2 | Silver | No lamp provided | No lamp provided | 1-2, 4-5 | 2-3, 4-5 | 2-3. 5-6 Mom. | AML23GBA2CA06 | – | Two Lamp Circuits |
| 2 | Silver | No lamp provided | No lamp provided | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 | – | AML24GBA2CA07 | Two Lamp Circuits |

① *MICRO SWITCH identification on this side of switch housing*

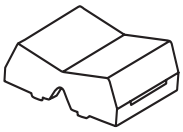
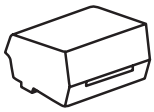
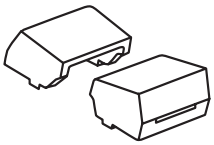
*Note: All switch positions are maintained except where noted as Mom. (momentary)*

**Table 25. AML53 Series Paddle Switch Covers without Legend for AML23 & AML33 Series Lighted Paddle Switches***

| Cover Color | AML53-E Series (1/2 Cover) | AML53-T Series (Two piece Cover) |
|---|---|---|
| |  |  |
| Red | AML53-E10R | AML53-T10RR |
| Yellow | AML53-E10Y | AML53-T10YY |
| Green | AML53-E10G | AML53-T10GG |
| Blue | AML53-E10B | – |
| White | AML53-E10W | AML53-T10WW |
| Red/Green | – | AML53-T10RG |
| Green/Red | – | AML53-T10GR |

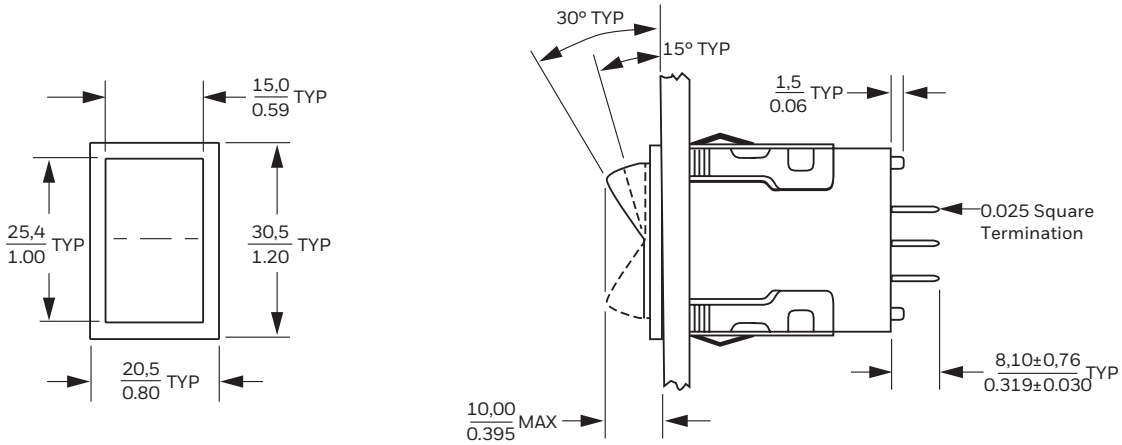
**For AML53 Series Paddle Switch Covers Style E or T from table above with Legends contact the local Honeywell source*

**Table 26. AML54 Series Rocker Switch Buttons without Legends for AML24 & AML34 Series Lighted Rocker Switches****

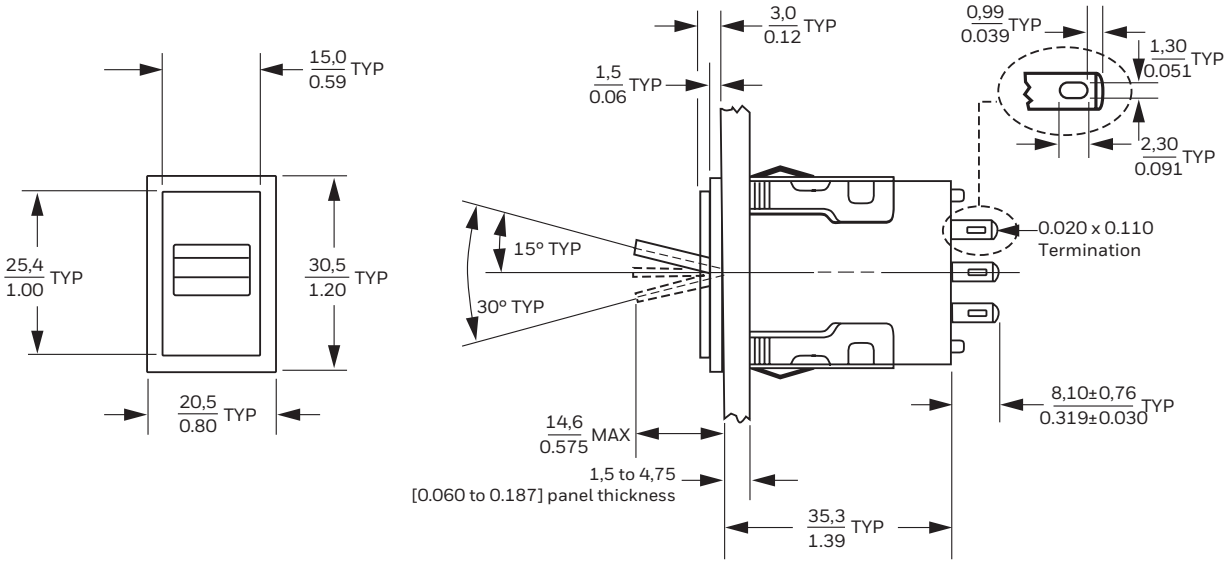
| Cover Color | AML54-F Series (Full Rocker Button) | AML54-E Series (1/2 Rocker Button, 2 required) | AML54-T Series (Two-piece Button) |
|---|---|---|---|
| |  |  |  |
| Red | AML54-F10R | AML54-E10R | AML54-T10RR |
| Yellow | AML54-F10Y | – | – |
| Green | AML54-F10G | AML54-E10G | AML54-T10GG |
| Blue | AML54-F10B | – | AML54-T10BB |
| White | AML54-F10W | AML54-E10W | – |
| Amber | AML54-F10A | – | – |
| Black | – | AML54-E10K | – |
| Red/Yellow | – | – | AML54-T10RY |
| Red/Green | – | – | AML54-T10RG |
| Green/Red | – | – | AML54-T10GR |
| Green/Yellow | – | – | AML54-T10GY |
| Blue/White | – | – | AML54-T10BW |

***For AML54 Series Rocker Switch Covers Style F, E or T from table above with Legends contact the local Honeywell source*

**Figure 23. AML23 and AML24 Series Dimensions mm [in] or mm\in**

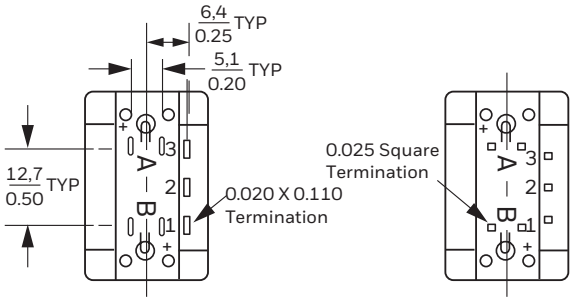



**Rocker**

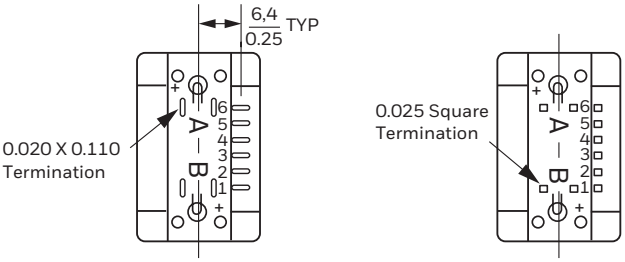



**Paddle**

**ONE POLE**

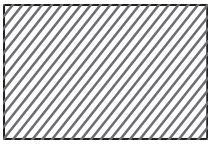



**TWO POLE**



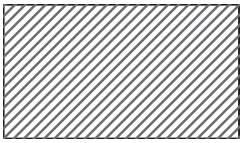

**Panel Cutouts for AML20 and AML30 Series Paddles and Rockers**

**WITHOUT BARRIERS**



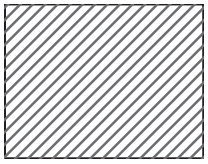
28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS[1]**



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS[1]**



28,98 [1.141] x 23,25 [0.915]

[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 24. AML23 Series Nomenclature**

| AML23F | B | B | 2 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Paddle | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles and Contact Material | Operator Position and Action[2] |

**Housing Type: Paddle**

| | |
|---|---|
| **AML23F** | 1 lamp circuit (A) |
| **AML23G** | 2 lamp circuits (A & B) |

**Bezel Color**

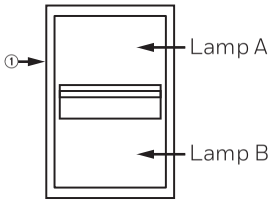
| | |
|---|---|
| **B** | Black |

**Incandescent Lamp Type**

| | |
|---|---|
| **A** | No lamp provided |
| **B** | 6 V lamp (#86) |
| **C** | 14 V lamp (#77) |
| **E** | 28 V lamp (#85) |

**Terminal Type**

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |




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

**Number of Poles and Contact Material**

| SILVER CONTACTS | GOLD CONTACTS | |
|---|---|---|
| **AA** | **BA** | One SPDT |
| **CA** | **DA** | Two SPDT |

**Operator Position and Action[2]**

| | | |
|---|---|---|
| TWO POSITION | **01** | Left: maintained<br>Right: maintained |
| | **02** | Left: momentary<br>Right: maintained |
| | **03** | Left: maintained<br>Right: momentary |
| THREE POSITION | **04** | Left: maintained<br>Center: maintained<br>Right: maintained |
| | **05** | Left: momentary<br>Center: maintained,<br>Right: momentary |
| | **06** | Left: maintained<br>Center: maintained,<br>Right: momentary |
| | **07** | Left: momentary<br>Center: maintained,<br>Right: maintained |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 23 and 24.

**Figure 25. AML24 Series Nomenclature**

**AML24F** — Housing Type: Rocker

| | |
|---|---|
| **AML24F** | 1 lamp circuit (A) |
| **AML24G** | 2 lamp circuits (A & B) |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 23 and 24.

**B** — Bezel Color

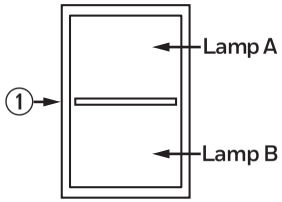
| | |
|---|---|
| **B** | Black |

**B** — Incandescent Lamp Type

| | |
|---|---|
| **A** | No lamp provided |
| **B** | 6 V lamp (#86) |
| **C** | 14 V lamp (#77) |
| **E** | 28 V lamp (#85) |

**2** — Terminal Type

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |




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

**AA** — Number of Poles and Contact Material

| SILVER CONTACTS | GOLD CONTACTS | |
|---|---|---|
| **AA** | **BA** | One SPDT |
| **CA** | **DA** | Two SPDT |

**01** — Operator Position and Action[2]

| | | |
|---|---|---|
| TWO POSITION | **01** | Left: maintained<br>Right: maintained |
| | **02** | Left: momentary<br>Right: maintained |
| | **03** | Left: maintained<br>Right: momentary |
| THREE POSITION | **04** | Left: maintained<br>Center: maintained<br>Right: maintained |
| | **05** | Left: momentary<br>Center: maintained,<br>Right: momentary |
| | **06** | Left: maintained<br>Center: maintained,<br>Right: momentary |
| | **07** | Left: momentary<br>Center: maintained,<br>Right: maintained |

**Figure 26. AML53 Covers for AML23 and AML33 Series Paddle Switches Nomenclature**
*For incandescent lighted and unlighted paddle switches*

| AML53-E / AML53-T | 10 / 11 | W / R | G |
|---|---|---|---|
| Paddle Style Cover | Display Type | 1/2 Cover or 1-Side of 2-Piece Cover | Req'd if ordering 2-Piece Cover |

| | |
|---|---|
| **AML53-E** | 1/2 cover (two required per switch) |
| **AML53-T** | Two-piece cover |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **11** | Transmitted color (clear cap with color insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | * White | **W** | * White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | ** Amber | **A** | ** Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance
*Insert is clear when display type (50) is specified with white(W) color
**Available with display type "transmitted color" and "dead front" only

**Figure 27. AML54 Buttons for AML24 and AML34 Series Rocker Switches Nomenclature**
*For incandescent lighted and unlighted rocker switches*

| AML54-T | 11 | R | G |
|---|---|---|---|
| Rocker Style Button | Display Type | Full Rocker, 1/2 Rocker or 1-side of 2-piece Rocker | Req'd if ordering two-piece rocker |

| | |
|---|---|
| **AML54-F** | Full rocker |
| **AML54-E** | 1/2 rocker (two required per switch) |
| **AML54-T** | Two-piece rocker |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **11** | Transmitted color (clear cap with color insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | * White | **W** | * White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | ** Amber | **A** | ** Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance
*Insert is clear when display type (50) is specified with white(W) color
**Available with display type "transmitted color" and "dead front" only

**Operator with Integral Contact Block**
(see Table 27)

+

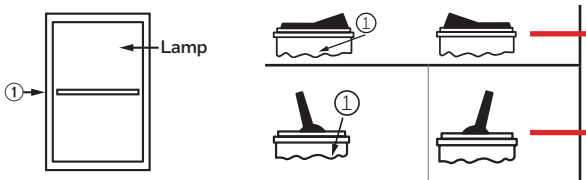
**Button**
(see Table 28)

=

**Complete Unit**

- Catalog Listing with 0.187 x 0.020 quick connect or solder terminals
- Maintained two position

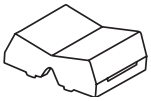
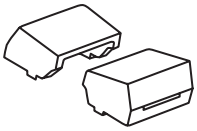
**Table 27. Incandescent Lighted AML33 Series Paddle and AML34 Series Rocker Power-duty Lighted Switches Catalog Listings**




| No. of Poles | Contact Material | Replaceable Incandescent Lamp Type (T-1 3/4 wedge base) | Circuits Left Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings | Notes |
|---|---|---|---|---|---|---|---|
| 1PST normally open (Form A) | Silver | No lamp provided | 11 - 12 | OFF | – | AML34FBA4AA01 | One Lamp Circuit |
| 2PST normally open (Form A) | Silver | No lamp provided | 11 - 12, 21 - 22 | OFF | – | AML34FBA4AC01 | One Lamp Circuit |

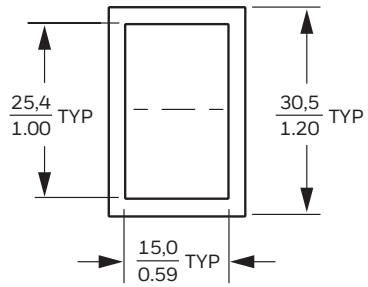
① *MICRO SWITCH identification on this side of switch housing*

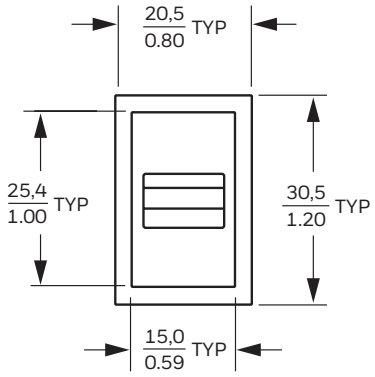
**Table 28. AML54 Series Rocker Switch Buttons without Legends for AML24 & AML34 Series Lighted Rocker Switches****

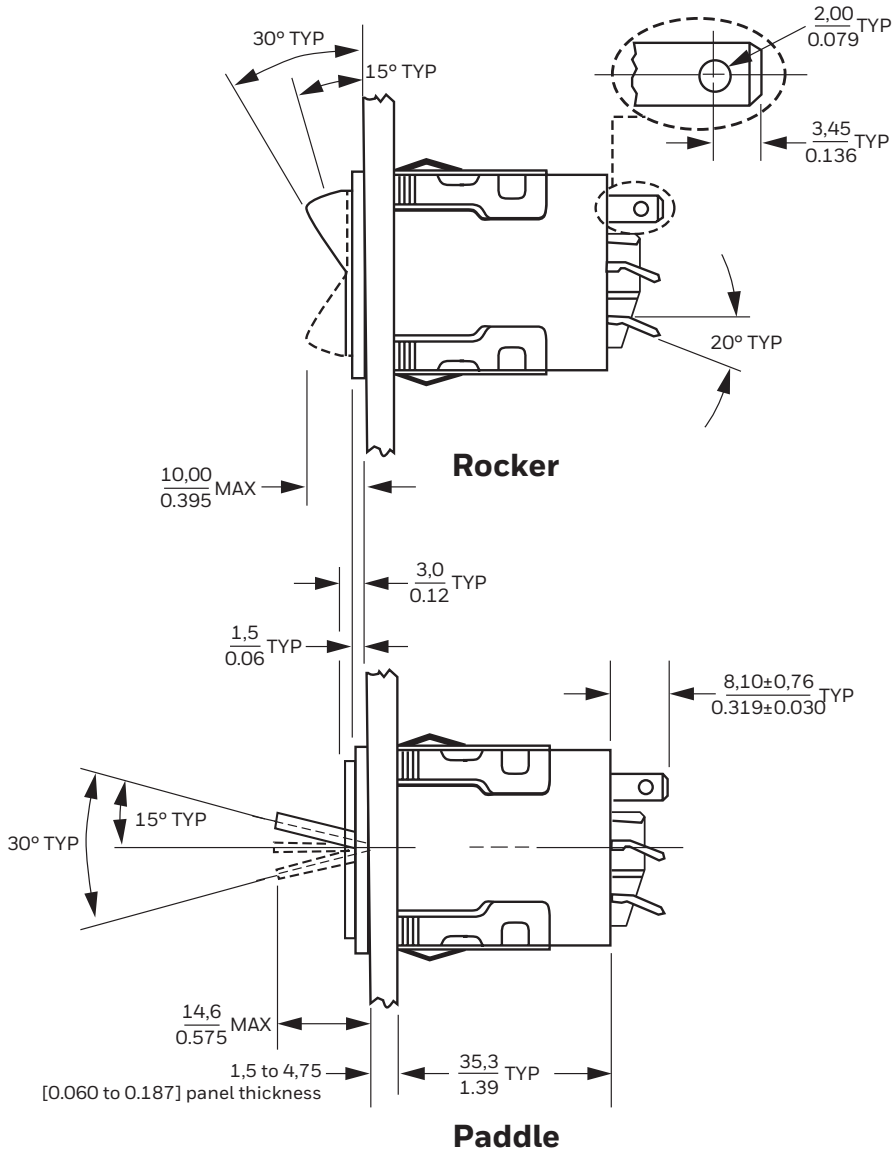
| Cover Color | AML54-F Series (Full Rocker Button) | AML54-E Series (1/2 Rocker Button, 2 required) | AML54-T Series (Two-Piece Button) |
|---|---|---|---|
| |  | |  |
| Red | AML54-F10R | AML54-E10R | AML54-T10RR |
| Yellow | AML54-F10Y | – | – |
| Green | AML54-F10G | AML54-E10G | AML54-T10GG |
| Blue | AML54-F10B | – | AML54-T10BB |
| White | AML54-F10W | AML54-E10W | – |
| Amber | AML54-F10A | – | – |
| Black | – | AML54-E10K | – |
| Red/Yellow | – | – | AML54-T10RY |
| Red/Green | – | – | AML54-T10RG |
| Green/Red | – | – | AML54-T10GR |
| Green/Yellow | – | – | AML54-T10GY |
| Blue/White | – | – | AML54-T10BW |

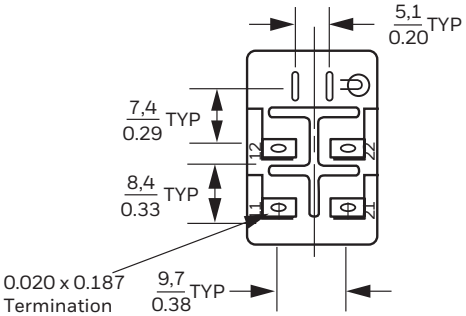
***For AML54 Series Rocker Switch Covers Style F, E or T from table above with Legends contact the local Honeywell source*

**Figure 28. AML33 and AML34 Series Dimensions**



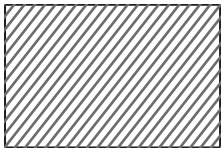



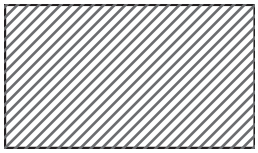

**Panel Cutouts for AML20 and AML30 Series Paddles and Rockers**

**WITHOUT BARRIERS**



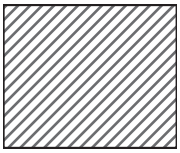
28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS[1]**



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS[1]**



28,98 [1.141] x 23,25 [0.915]

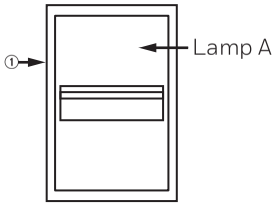
[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation

**Figure 29. AML37 Series Nomenclature**

| AML33F | B | B | 4 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Paddle | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles and Contact Material | Operator Action Two Position[2] |
| **AML33F** 1 lamp circuit (Lamp A) | **B** Black | **A** No lamp provided | **4** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect | SILVER CONTACTS **AA** One SPSTNO (Form A) | **01** Left: maintained Right: maintained |
| | | **B** 6 V lamp (#86) | | **AC** Two SPSTNO (Form A) | |
| | | **C** 14 V lamp (#77) | | | |
| | | **E** 28 V lamp (#85) | | | |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 27.



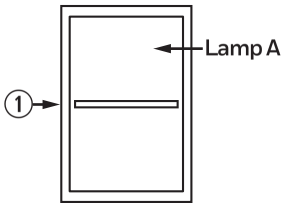

① The "MICRO SWITCH" identification is shown on this side of the switch housings

**Figure 30. AML34 Series Nomenclature**

| AML34F | B | B | 4 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Rocker | Bezel Color | Incandescent Lamp Type | Terminal Type | Number of Poles and Contact Material | Operator Action Two Position[2] |
| **AML34F** 1 lamp circuit (Lamp A) | **B** Black | **A** No lamp provided | **4** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect | SILVER CONTACTS **AA** One SPSTNO (Form A) | **01** Left: maintained Right: maintained |
| | | **B** 6 V lamp (#86) | | **AC** Two SPSTNO (Form A) | |
| | | **C** 14 V lamp (#77) | | | |
| | | **E** 28 V lamp (#85) | | | |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 27.




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

**Figure 31. AML53 Covers for AML23 and AML33 Series Paddle Switches Nomenclature**
*For incandescent lighted and unlighted paddle switches*

| AML53-E / AML53-T | 10 / 11 | W / R | G |
|---|---|---|---|
| Paddle Style Cover | Display Type | 1/2 cover or 1-side of 2-piece cover | Req'd if ordering two-piece cover |

| | |
|---|---|
| **AML53-E** | 1/2 cover (two required per switch) |
| **AML53-T** | Two-piece cover |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **11** | Transmitted color (clear cap with color insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | * White | **W** | * White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | ** Amber | **A** | ** Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance
*Insert is clear when display type (50) is specified with white (W) color
**Available with display type "transmitted color" and "dead front" only

**Figure 32. AML54 Buttons for AML24 and AML34 Series Rocker Switches Nomenclature**
*For incandescent lighted and unlighted rocker switches*

| AML54-T | 11 | R | G |
|---|---|---|---|
| Rocker Style Button | Display Type | Full Rocker, 1/2 Rocker or 1-side of 2-piece Rocker | Req'd if ordering 2-piece Rocker |

| | |
|---|---|
| **AML54-F** | Full rocker |
| **AML54-E** | 1/2 rocker (two required per switch) |
| **AML54-T** | Two-piece rocker |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **11** | Transmitted color (clear cap with color insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | * White | **W** | * White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | ** Amber | **A** | ** Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance
*Insert is clear when display type (50) is specified with white (W) color
**Available with display type "transmitted color" and "dead front" only

**Operator with Integral Contact Block**
(see Table 29)

+

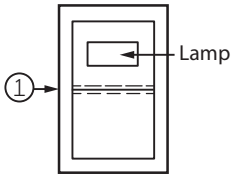
**Button**
(see Tables 30 & 31)

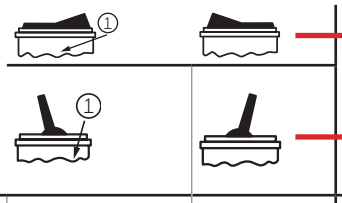
=

**Complete Unit**

- Catalog Listing with 0.187 x 0.020 quick connect or solder terminals less paddle cover or rocker operator
- Integral neon lamp circut
- Maintained two positions

**Table 29. AML35 Series Paddle and AML36 Series Rocker Power-duty Lighted Switches with Integral Neon Lamp Catalog Listings**




| No. of Poles | Contact Material | Neon Lamp, Voltage, & Color | Neon Lamp Circuit Termination, Independent or Integral | Circuits Left Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings |
|---|---|---|---|---|---|---|---|
| 1PST normally open (Form A) | Silver | 125 Vac, Red | Independent | 11 - 12 | OFF | AML35FBB4AA01 | AML36FBA4AA01 |
| 1PST normally open (Form A) | Silver | 250 Vac, Red | Independent | 11 - 12 | OFF | – | AML36FBC4AA01 |
| 2PST normally open (Form A) | Silver | 125 Vac, Red | Independent | 11 - 12, 21 - 22 | OFF | – | AML36FBB4AC01 |
| 2PST normally open (Form A) | Silver | 125 Vac, Red | Integral | 11 - 12, 21 - 22 | OFF | AML35FBB7AC01 | AML36FBB7AC01 |
| 2PST normally open (Form A) | Silver | 250 Vac, Red | Integral | 11 - 12, 21 - 22 | OFF | – | AML36FBC7AC01 |
| 2PST normally open (Form A) | Silver | 250 Vac, Green | Integral | 11 - 12, 21 - 22 | OFF | – | AML36FBP7AC01 |

① *MICRO SWITCH identification on this side of switch housing*

**Table 30. AML55 Series Paddle Switch Covers without Legend for AML35 Series Neon Lighted Paddle Switches**

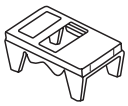
| Lens Color | Cover Color | AML55-N Series Full Cover with Lens |
|---|---|---|
| | |  |
| Red | Red | AML55-N10RR |
| Red | Black | AML55-N10RK |

**Table 31. AML56 Series Rocker Switch Button without Legend for AML36 Series Neon Lighted Rocker Switches**

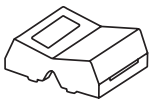
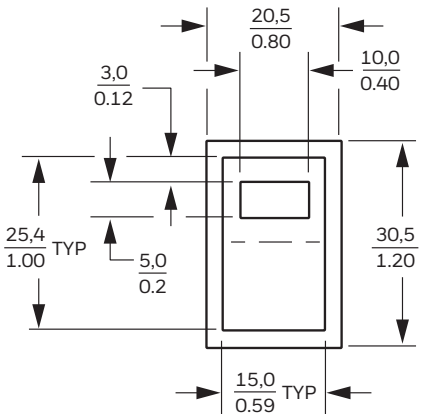
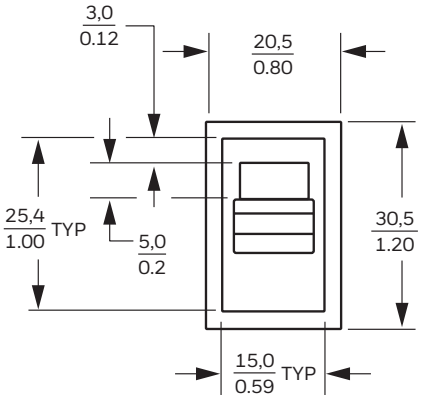
| Lens Color | Button Color | AML56-N Series Full Button with Lens |
|---|---|---|
| | |  |
| Red | Red | AML56-N10RR |
| Red | Green | AML56-N10RG |
| Red | White | AML56-N10RW |
| Red | Black | AML56-N10RK |
| Clear | Red | AML56-N10TR |
| Clear | White | AML56-N10TW |
| Clear | Black | AML56-N10TK |
| Yellow | Black | AML56-N10YK |

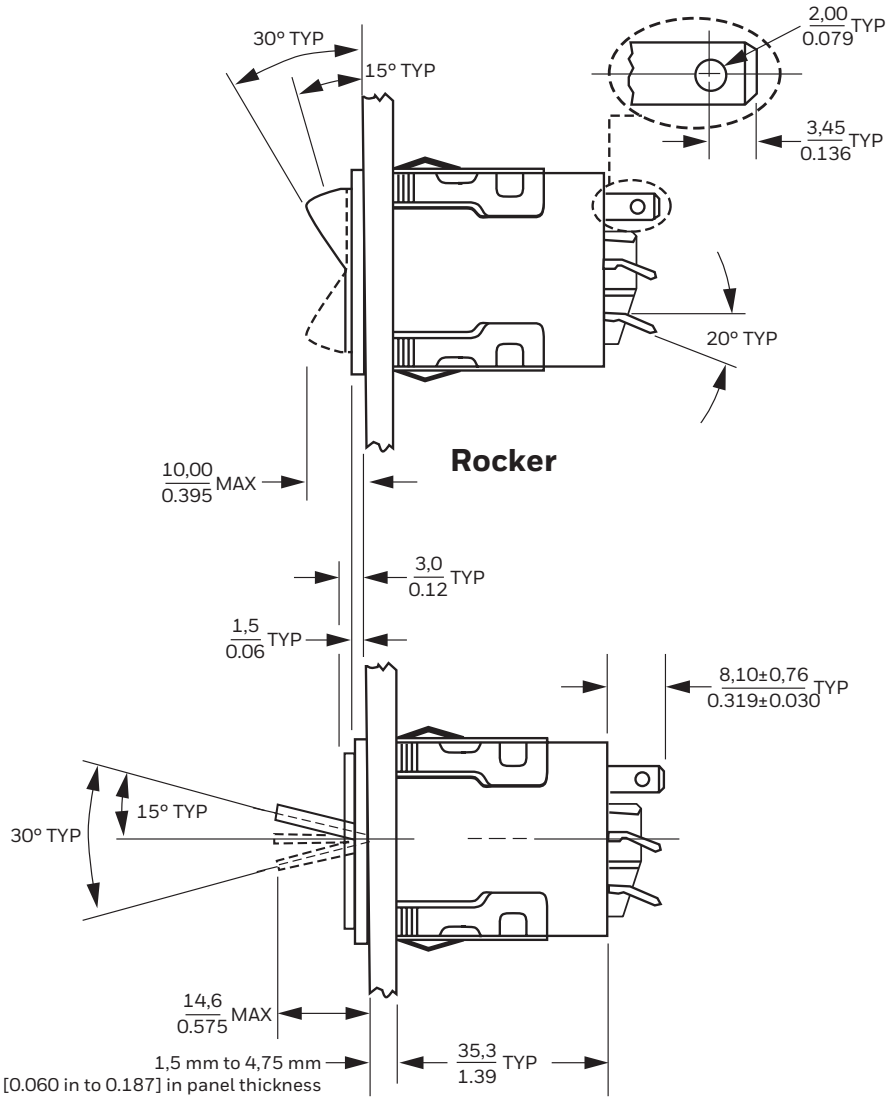
**Figure 33. AML35 Paddle and AML36 Rocker Series Dimensions mm [in] or mm/in**




**Lighted Neon**

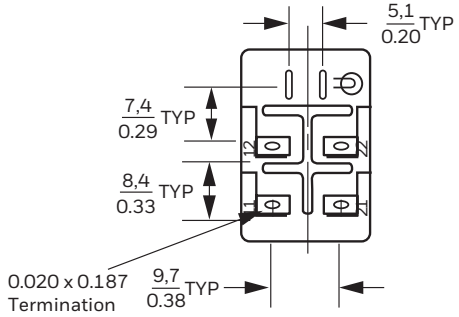



**Lighted Neon**



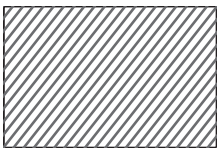

**Rocker**

**Paddle**



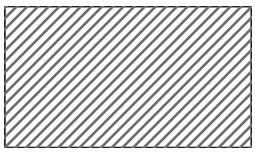

**Panel Cutouts for AML20 and AML30 Series Paddles and Rockers**

**WITHOUT BARRIERS**



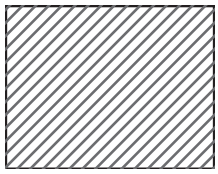
28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS[1]**



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS[1]**



[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 42. AML34 Series Nomenclature**

| AML35F | B | B | 4 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Paddle | Bezel Color | Neon Lamp Voltage Color | Terminal Type | Number of Poles and Contact Material | Operator Action Two Position[2] |
| **AML35F** 1 neon lamp circuit | **B** Black | **B** Red 125 Vac | **4** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect with independent lamp circuit | SILVER CONTACTS **AA** One SPSTNO (Form A), Only available with independent lamp circuit, type 4 | **01** Left: maintained Right: maintained |
| | | **C** Red 250 Vac | **7** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect with integral lamp circuit | **AC** Two SPSTNO (Form A) | |
| | | **M** Green 125 Vac | | | |
| | | **P** Green 250 Vac | | | |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 29.

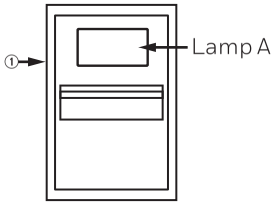
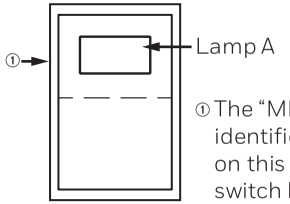



**Figure 35. AML36 Series Nomenclature**

| AML36F | B | B | 4 | AA | 01 |
|---|---|---|---|---|---|
| Housing Type: Rocker | Bezel Color | Neon Lamp Voltage Color | Terminal Type | Number of Poles and Contact Material | Operator Action Two Position[2] |
| **AML36F** 1 neon lamp circuit | **B** Black | **B** Red 125 Vac | **4** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect with independent lamp circuit | SILVER CONTACTS **AA** One SPSTNO (Form A), Only available with independent lamp circuit, type 4 | **01** Left: maintained Right: maintained |
| | | **C** Red 250 Vac | **7** 4,75 mm x 0,51 mm [0.187 in x 0.020 in] quick-connect with integral lamp circuit | **AC** Two SPSTNO (Form A) | |
| | | **M** Green 125 Vac | | | |
| | | **P** Green 250 Vac | | | |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

[2]Reference Table 29.




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

**Figure 36. AML55 Covers for AML35 Series Paddle Switches and AML56 Buttons for AML36 Series Rocker Switches with Neon Display Nomenclature**

| AML55-N | 10 | R | G |
|---|---|---|---|
| Paddle Switch Cover or Rocker Switch Button | Display Type | Lens Color (for neon window) | Cover/Button Color |

| | |
|---|---|
| **AML55-N** | Full paddle cover with window for neon display |
| **AML56-N** | Full rocker button with window for neon display |

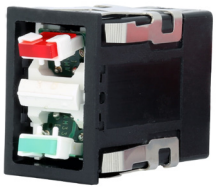
| | |
|---|---|
| **10** | Transmitted color |

| | |
|---|---|
| **T** | Clear |
| **R** | Red |

| | |
|---|---|
| **R** | Red |
| **Y** | Yellow |
| **G** | Green |
| **B** | Blue |
| **W** | White |
| **K** | Black |
| **L** | Gray |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

**Operator with Integral Contact Block**
(see Tables 32, 33, & 34)

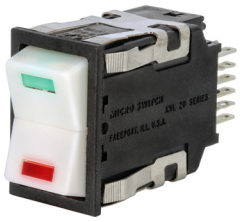


+

**Button**
(see Tables 35 & 36)

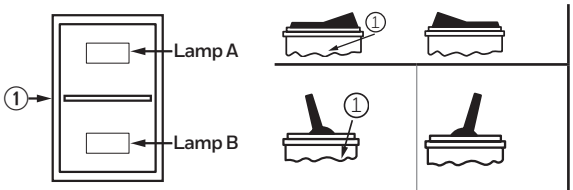
=

**Complete Unit**



- Catalog Listing with 0.110 x 0.020 quick connect or solder terminals

**Table 32. Integral LED Lighted AML25 Series Paddle and AML26 Series Rocker Switches Catalog Listings (Two Position)**



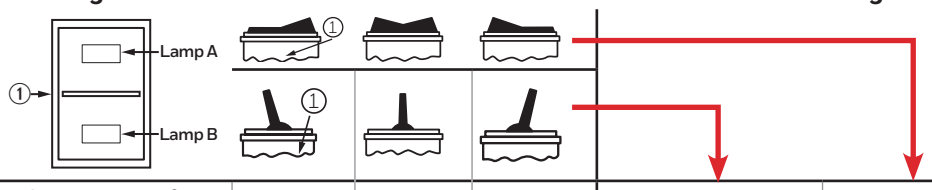

| No. of Poles | Contact Material | Supply voltage for integral LED with color as noted | | Circuits Left Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings | Notes |
|---|---|---|---|---|---|---|---|---|
| | | Lamp "A" | Lamp "B" | | | | | |
| 1 | Silver | V*, Red | No lamp circuit | 1-2 | 2-3 | AML25FBB2AA01RX | – | One Lamp Circuit |
| 1 | Silver | 5 V, Red | No lamp circuit | 1-2 | 2-3 | – | AML26FBC2AA01RX | One Lamp Circuit |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2 | 2-3 | AML25GBF2AA01GR | – | Two Lamp Circuits |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2 | 2-3 | AML25GBF8AA01GR | – | Two Lamp Circuits w/ LED diode protection |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2 | 2-3 | – | AML26GBF2AA01RG | Two Lamp Circuits |
| 1 | Silver | 24 V, Green | No lamp circuit | 1-2 Mom. | 2-3 | AML25FBF2AA02GX | – | One Lamp Circuit |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2 Mom. | 2-3 | – | AML26GBF2AA02RG | Two Lamp Circuits |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2 Mom. | 2-3 | AML25GBF8AA02GR | – | Two Lamp Circuits w/ LED diode protection |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2 Mom. | 2-3 | AML25GBF8AA02RG | – | Two Lamp Circuits w/ LED diode protection |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2 | 2-3 Mom. | AML25GBF2AA03GR | – | Two Lamp Circuits |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2 | 2-3 Mom. | AML25GBF2AA03RG | AML26GBF2AA03RG | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | No lamp circuit | 1-2, 4-5 | 2-3, 5-6 | – | AML26FBF2CA01RX | One Lamp Circuit |
| 2 | Silver | 15 V, Green | 15 V, Red | 1-2, 4-5 | 2-3, 5-6 | – | AML26GBE2CA01GR | Two Lamp Circuits |
| 2 | Silver | 24 V, Green | 24 V, Red | 1-2, 4-5 | 2-3, 5-6 | AML25GBF2CA01GR | AML26GBF2CA01GR | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 | 2-3, 5-6 | AML25GBF2CA01RG | AML26GBF2CA01RG | Two Lamp Circuits |
| 2 | Silver | 24 V, Green | 24 V, Red | 1-2, 4-5 | 2-3, 5-6 Mom. | AML25GBF2CA03GR | AML26GBF2CA03GR | Two Lamp Circuits |
| 2 | Gold | 24 V, Green | 24 V, Red | 1-2, 4-5 | 2-3, 5-6 Mom. | – | AML26GBF2DA03GR | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 | 2-3, 5-6 Mom. | AML25GBF2CA03RG | – | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 Mom. | 2-3, 5-6 | AML25GBF2CA02RG | AML26GBF2CA02RG | Two Lamp Circuits |

*① MICRO SWITCH identification on this side of switch housing*

*Note: All switch positions are maintained except where noted as Mom. (momentary)*

**The LED does not include an internal resistor. A suitable external resistor must be added to the LED circuit for a nominal current of 20 mA*

**Table 33. Integral LED Lighted AML25 Series Paddle and AML26 Series Rocker Switches Catalog Listings (Three Position)**



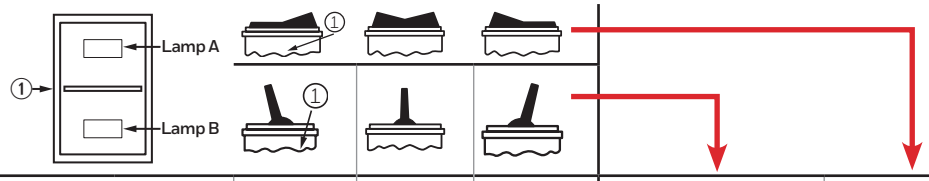

| No. of Poles | Contact Material | Supply voltage for integral LED with color | | Circuits Left Position | Circuits Center Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | | Lamp "A" | Lamp "B" | | | | | | |
| 1 | Silver | 5 V, Green | 5 V, Red | 1-2 | OFF | 2-3 | – | AML26GBC2AA04GR | Two Lamp Circuits |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2 | OFF | 2-3 | AML25GBF2AA04GR | – | Two Lamp Circuits |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2 | OFF | 2-3 | – | AML26GBF2AA04RG | Two Lamp Circuits |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2 | OFF | 2-3 | AML25GBF8AA04RG | – | Two Lamp Circuits with LED diode protection |
| 1 | Silver | 5 V, Green | No lamp circuit | 1-2, Mom. | OFF | 2-3, Mom. | AML25FBC2AA05GX | – | One Lamp Circuit |
| 1 | Silver | 24 V, Green | No lamp circuit | 1-2, Mom. | OFF | 2-3, Mom. | AML25FBF2AA05GX | – | One Lamp Circuit |
| 1 | Silver | 24 V, Red | No lamp circuit | 1-2, Mom. | OFF | 2-3, Mom. | AML25FBF2AA05RX | – | One Lamp Circuit |
| 1 | Silver | 24 V, Yellow | No lamp circuit | 1-2, Mom. | OFF | 2-3, Mom. | AML25FBF2AA05YX | – | One Lamp Circuit |
| 1 | Silver | No lamp circuit | 24 V, Red | 1-2, Mom. | OFF | 2-3, Mom. | – | AML26FBF2AA05XR | One Lamp Circuit |
| 1 | Gold | 24 V, Red | No lamp circuit | 1-2, Mom. | OFF | 2-3, Mom. | – | AML26FBF2BA05RX | One Lamp Circuit |
| 1 | Silver | 24 V, Yellow | No lamp circuit | 1-2, Mom. | OFF | 2-3, Mom. | – | AML26FBF2AA05YX | One Lamp Circuit |
| 1 | Silver | V*, Red | V*, Green | 1-2, Mom. | OFF | 2-3, Mom. | – | AML26GBB2AA05RG | Two Lamp Circuits |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2, Mom. | OFF | 2-3, Mom. | AML25GBF2AA05GR | – | Two Lamp Circuits |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2, Mom. | OFF | 2-3, Mom. | AML25GBF2AA05RG | AML26GBF2AA05RG | Two Lamp Circuits |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2, Mom. | OFF | 2-3, Mom. | – | AML26GBF8AA05RG | Two Lamp Circuits with LED diode protection |
| 1 | Gold | 24 V, Red | 24 V, Green | 1-2, Mom. | OFF | 2-3, Mom. | AML25GBF2BA05RG | AML26GBF2BA05RG | Two Lamp Circuits |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2 | OFF | 2-3, Mom. | AML25GBF2AA06RG | – | Two Lamp Circuits |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2 | OFF | 2-3, Mom. | – | AML26GBF8AA06GR | Two Lamp Circuits with LED diode protection |
| 1 | Gold | 24 V, Red | 24 V, Green | 1-2, Mom. | OFF | 2-3 | AML25GBF2BA07RG | – | Two Lamp Circuits |
| 1 | Silver | 24 V, Red | 24 V, Green | 1-2, Mom. | OFF | 2-3 | AML25GBF8AA07RG | AML26GBF8AA07RG | Two Lamp Circuits with LED diode protection |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2, Mom. | OFF | 2-3 | AML25GBF2AA07GR | – | Two Lamp Circuits |
| 1 | Silver | 24 V, Green | 24 V, Red | 1-2, Mom. | OFF | 2-3 | AML25GBF8AA07GR | – | Two Lamp Circuits with LED diode protection |

① *MICRO SWITCH identification on this side of switch housing*

*Note: All switch positions are maintained except where noted as Mom. (momentary)*

**The LED does not include an internal resistor. A suitable external resistor must be added to the LED circuit for a nominal current of 20 mA*

**Table 34. Integral LED Lighted AML25 Series Paddle and AML26 Series Rocker Series Switches Catalog Listings (Three Position)**




| No. of Poles | Contact Material | Supply voltage for integral LED with color | | Circuits Left Position | Circuits Center Position | Circuits Right Position | Paddle Switch Cat. Listings | Rocker Switch Cat. Listings | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | | Lamp "A" | Lamp "B" | | | | | | |
| 2 | Silver | 24 V, Red | No lamp circuit | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | AML25FBF2CA04RX | – | One Lamp Circuit |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | AML25GBF2CA04RG | AML26GBF2CA04RG | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | – | AML26GBF8CA04RG | Two Lamp Circuits with LED diode protection |
| 2 | Silver | 24 V, Green | 24 V, Red | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | AML25GBF2CA04GR | – | Two Lamp Circuits |
| 2 | Silver | 24 V, Green | 24 V, Red | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | AML25GBF8CA04GR | AML26GBF8CA04GR | Two Lamp Circuits with LED diode protection |
| 2 | Gold | 5 V, Yellow | 5 V, Yellow | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 | AML25GBCDA04YY | – | Two Lamp Circuits |
| 2 | Silver | V*, Red | No lamp circuit | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 Mom. | AML25FBB2CA05RX | – | One Lamp Circuit |
| 2 | Silver | 15 V, Yellow | No lamp circuit | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 Mom. | AML25FBE2CA05YX | – | One Lamp Circuit |
| 2 | Silver | 24 V, Green | No lamp circuit | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 Mom. | AML25FBF2CA05GX | – | One Lamp Circuit |
| 2 | Silver | 24 V, Green | 24 V, Red | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 Mom. | AML25GBF2CA05GR | AML26GBF2CA05GR | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 Mom. | AML25GBF2CA05RG | AML26GBF2CA05RG | Two Lamp Circuits |
| 2 | Silver | 24 V, Green | 24 V, Red | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 Mom. | AML25GBF2CA06GR | – | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 | 2-3, 4-5 | 2-3, 5-6 Mom. | AML25GBF2CA06RG | AML26GBF2CA06RG | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 | AML25GBF2CA07RG | AML26GBF2CA07RG | Two Lamp Circuits |
| 2 | Silver | 24 V, Red | 24 V, Green | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 | – | AML26GBF8CA07RG | Two Lamp Circuits with LED diode protection |
| 2 | Silver | 24 V, Red | 24 V, Yellow | 1-2, 4-5 Mom. | 2-3, 4-5 | 2-3, 5-6 | AML25GBF2CA07RY | – | Two Lamp Circuits |

*① MICRO SWITCH identification on this side of switch housing*

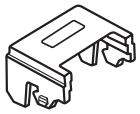
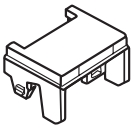
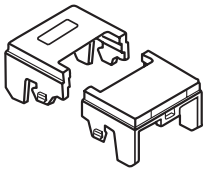
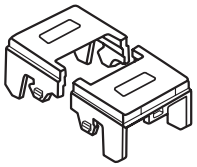
**The LED does not include an internal resistor. A suitable external resistor must be added to the LED circuit for a nominal current of 20 mA*

*Note: All switch positions are maintained except where noted as Mom. (momentary)*

*Note: AML25 Series Paddle Switches require AML55 Series Paddle Switch Covers from table 35*

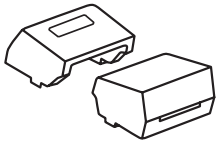
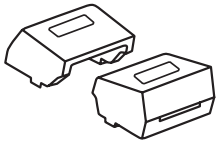
*Note: AML26 Series Rocker Switches require AML56 Series Rocker Switch Buttons from table 36*

**Table 35. AML55 Series Paddle Switch Covers without Legends for AML25 Series Switches with LED Displays**

| Cover Color | AML55-E Series (1/2 Cover) for 1 LED | AML53-E Series (1/2 Cover) without LED | AML55-T Series Two Piece Cover (For one LED)** | AML55-H Series Two Piece Cover (For two LEDs) |
|---|---|---|---|---|
| |  |  |  |  |
| Red | AML55-E10R | AML53-E10R | – | AML55-H10RR |
| Yellow | AML55-E10Y | AML53-E10Y | AML55-T10YY | – |
| Green | AML55-E10G | AML53-E10G | AML55-T10GG | AML55-H10GG |
| Blue | – | AML53-E10B | AML55-T10BB | AML55-H10BB |
| White | – | AML53-E10W | – | – |
| Red/Green | – | – | – | AML55-H10RG |
| Green/Red | – | – | – | AML55-H10GR |

*For AML55 Series Paddle Switch Covers Style E, H, or T from table above with Legends contact the local Honeywell source*

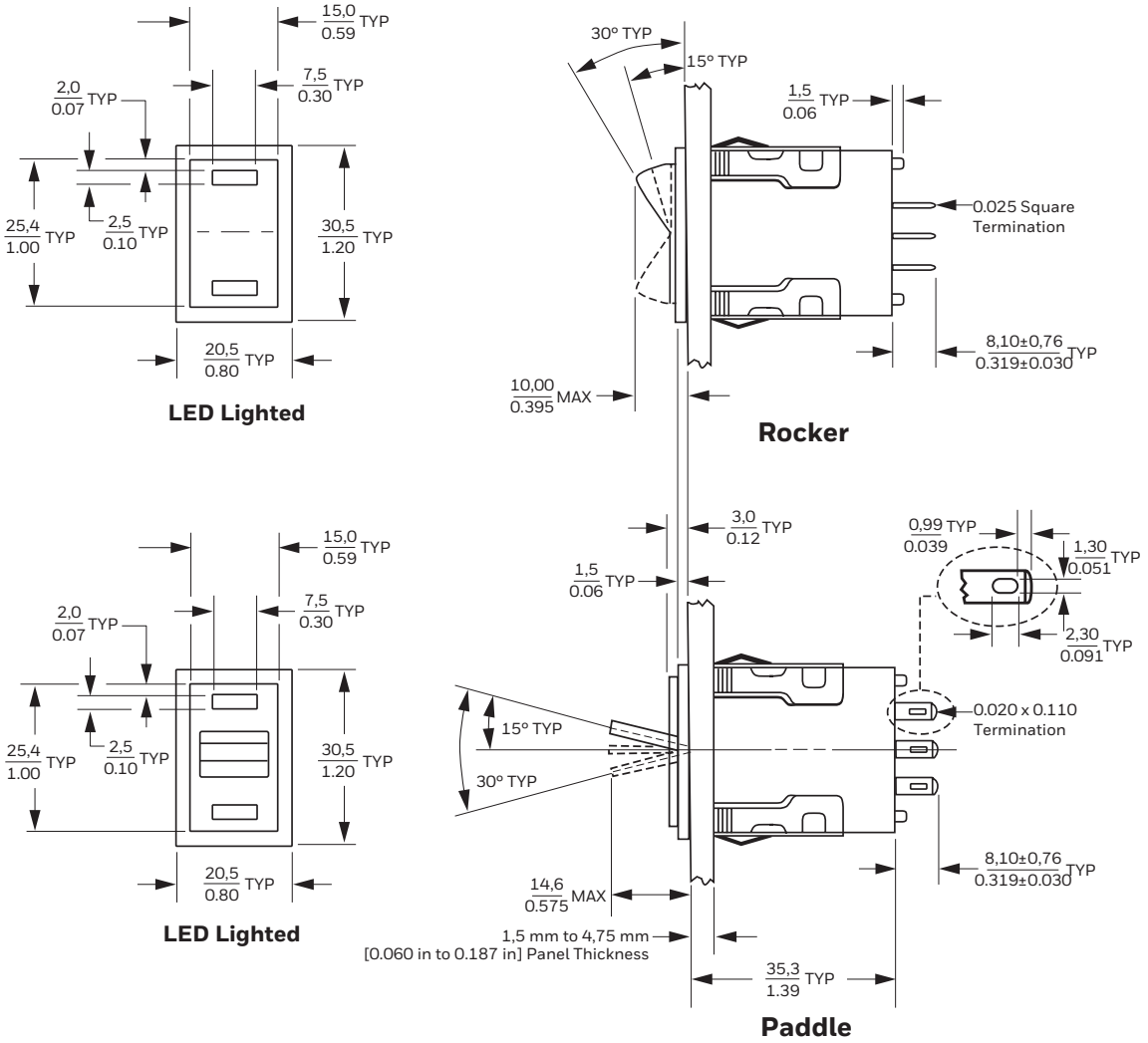
**Table 36. AML56 Series Rocker Switch Buttons without Legends for AML26 Series Switches with LED Displays**

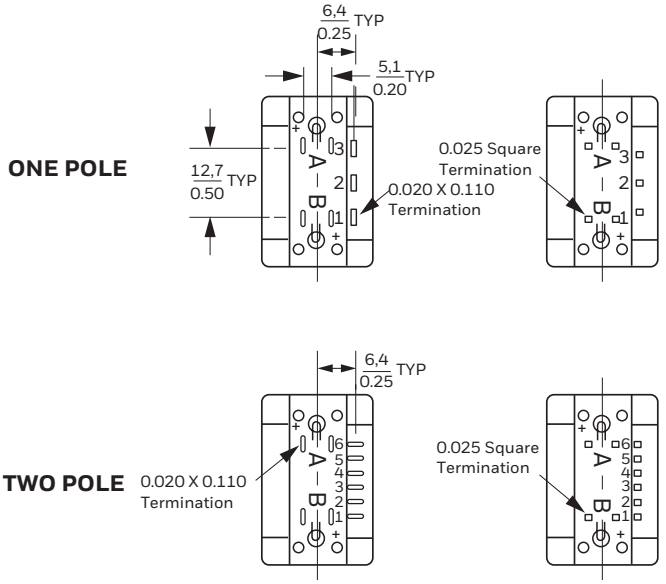
| Cover Color | AML56-E Series (1/2 Button) for 1 LED | AML54-E Series (1/2 Button) without LED | AML56-T Series Two Piece Button (for one LED)** | AML56-H Series Two Piece Button (for two LEDs) |
|---|---|---|---|---|
| | | |  |  |
| Red | AML56-E10R | AML54-E10R | AML56-T10RR | AML56-H10RR |
| Yellow | – | – | AML56-T10YY | – |
| Green | AML56-E10G | AML54-E10G | AML56-T10GG | – |
| Blue | – | – | – | AML56-H10BB |
| White | – | AML54-E10W | – | AML56-H10WW |
| Amber | – | – | – | – |
| Black | AML56-E10K | AML54-E10K | AML56-T10BB | AML56-H10KK |
| Red/Green | – | – | AML56-T10RG** | AML56-H10RG |
| Green/Red | – | – | – | AML56-H10GR |

*For AML56 Series Rocker Switch Covers Style E, H, or T from table above with Legends contact the local Honeywell source*

***First color referenced in catalog listing has window opening for LED display. For example, AML56-T10RG has a LED window opening in the red cover while the green cover has no LED window opening*

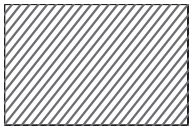
**Figure 37. AML25 and AML26 Series Dimensions, mm [in] or mm/in**



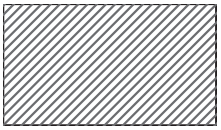

**Panel Cutouts for AML20 and AML30 Series Paddles and Rockers**

**WITHOUT BARRIERS**



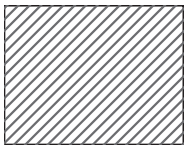
28,98 [1.141] x 19,05 [0.750]

**WITH SHORT BARRIERS[1]**



33,27 [1.310] x 19,05 [0.750]

**WITH LONG BARRIERS[1]**



[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation of adjacent-mounted switches.

**Figure 38. AML25 Series Nomenclature**

| AML25F | B | B | 2 | AA | 01 | B |
|---|---|---|---|---|---|---|
| Housing Type: Paddle | Bezel Color | LED Voltage | Terminal Type | Number of Poles and Contact Material | Operator Position and Action[2] | LED Color[2] |

**Housing Type: Paddle**

| | |
|---|---|
| **AML25F** | 1 lamp circuit |
| **AML25G** | 2 lamp circuits |

**Bezel Color**

| | |
|---|---|
| **B** | Black |

**LED Voltage**

| | |
|---|---|
| **B** | Vdc* |
| **C** | 5 Vdc |
| **D** | 10 Vdc |
| **E** | 15 Vdc |
| **F** | 24 Vdc |

**Terminal Type**

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |
| **8** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder with diode protection |

**Number of Poles and Contact Material**

| SILVER CONTACTS | GOLD CONTACTS | |
|---|---|---|
| **AA** | **BA** | One SPDT |
| **CA** | **DA** | Two SPDT |

**Operator Position and Action[2]**

| | | |
|---|---|---|
| TWO POSITION | **01** | Left: maintained<br>Right: maintained |
| | **02** | Left: momentary<br>Right: maintained |
| | **03** | Left: maintained<br>Right: momentary |
| THREE POSITION | **04** | Left: maintained<br>Center: maintained<br>Right: maintained |
| | **05** | Left: momentary<br>Center: maintained<br>Right: momentary |
| | **06** | Left: maintained<br>Center: maintained<br>Right: momentary |
| | **07** | Left: momentary<br>Center: maintained<br>Right: maintained |

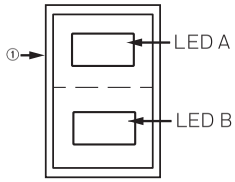
**LED Color[2]**

| LED A | | LED B | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **X** | No LED | **X** | No LED |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance

*An appropriate external series resistor must be added to the LED circuit to limit the current to a nominal 20 mA

[2]Reference Tables 32, 33, and 34




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

**Figure 39. AML26 Series Nomenclature**

| AML26F | B | B | 2 | AA | 01 | B |
|---|---|---|---|---|---|---|
| Housing Type: Rocker | Bezel Color | LED Voltage | Terminal Type | Number of Poles and Contact Material | Operator Position and Action[2] | LED Color[2] |

**Housing Type: Rocker**

| | |
|---|---|
| **AML26F** | 1 lamp circuit |
| **AML26G** | 2 lamp circuits |

**Bezel Color**

| | |
|---|---|
| **B** | Black |

**LED Voltage**

| | |
|---|---|
| **B** | Vdc* |
| **C** | 5 Vdc |
| **D** | 10 Vdc |
| **E** | 15 Vdc |
| **F** | 24 Vdc |

**Terminal Type**

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |
| **8** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder with diode protection |

**Number of Poles and Contact Material**

| SILVER CONTACTS | GOLD CONTACTS | |
|---|---|---|
| **AA** | **BA** | One SPDT |
| **CA** | **DA** | Two SPDT |

**Operator Position and Action[2]**

| | | |
|---|---|---|
| TWO POSITION | **01** | Left: maintained<br>Right: maintained |
| | **02** | Left: momentary<br>Right: maintained |
| | **03** | Left: maintained<br>Right: momentary |
| THREE POSITION | **04** | Left: maintained<br>Center: maintained<br>Right: maintained |
| | **05** | Left: momentary<br>Center: maintained<br>Right: momentary |
| | **06** | Left: maintained<br>Center: maintained<br>Right: momentary |
| | **07** | Left: momentary<br>Center: maintained<br>Right: maintained |

**LED Color[2]**

| LED A | | LED B | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **X** | No LED | **X** | No LED |

**Figure 40. AML55 Covers for AML25 Series Paddle Switches and AML56 Buttons for AML26 Series Rocker Switches with LED Display Nomenclature**

| AML55-H | 10 | G | G |
|---|---|---|---|
| Paddle Switch Cover or Rocker Type | Display Type | 1/2 cover with LED or LED side of 2 piece | Other side of 2-piece |

| | | | | | |
|---|---|---|---|---|---|
| **AML55-E[1]** | 1/2 cover with LED window | **10** | Transmitted color | **R** | Red | **R** | Red |
| **AML55-T** | Two-piece cover for 1 LED | | | **Y** | Yellow | **Y** | Yellow |
| **AML55-H** | Two-piece cover for 2 LEDs | | | **G** | Green | **G** | Green |
| | | | | **B** | Blue | **B** | Blue |
| **AML56-E[2]** | 1/2 button with LED window | | | **W** | White | **W** | White |
| **AML56-T** | Two-piece button for 1 LED | | | **K** | Black | **K** | Black |
| **AML56-H** | Two-piece button for 2 LEDs | | | **L** | Gray | **L** | Gray |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance

[1]To order a 1/2 cover without a LED window, specify an AML53-E10_ cover from Table 35.

[2]To order a 1/2 button without a LED window, specify an AML54-E10_ from Table 36.

- Catalog Listing with 0.110 x 0.020 quick connect or solder terminals
- Includes two keys with switch

**Table 37. AML27 Series Key Switches (Two Position)**

| No. of Poles | Contact Material | Key Withdrawal Position/s | Key Code (3 digit number marked on key) | Circuits Center Position | Circuits Right Position (CW) | Catalog Listing |
|---|---|---|---|---|---|---|
| 1PDT | Silver | Center | BA (110) | 2-3 | 1-2 | AML27ABK2AA21BA |
| 1PDT | Gold | Center | BA (110) | 2-3 | 1-2 | AML27ABK2BA21BA |
| 1PDT | Silver | Center | BA (110) | 2-3 | 1-2 Mom. | AML27ABK2AA23BA |
| 1PDT | Silver | Center | BK (101) | 2-3 | 1-2 Mom. | AML27ABK2AA23BK |
| 1PDT | Silver | Center & Right | BA (110) | 2-3 | 1-2 | AML27ABK2AA22BA |
| 1PDT | Gold | Center & Right | BA (110) | 2-3 | 1-2 | AML27ABK2BA22BA |
| 1PDT | Silver | Center & Right | BB (109) | 2-3 | 1-2 | AML27ABK2AA22BB |
| 2PDT | Silver | Center | BA (110) | 2-3, 5-6 | 1-2, 4-5 | AML27ABK2AC21BA |
| 2PDT | Gold | Center | BA (110) | 2-3, 5-6 | 1-2, 4-5 | AML27ABK2BC21BA |
| 2PDT | Silver | Center | BB (109) | 2-3, 5-6 | 1-2, 4-5 | AML27ABK2AC21BB |
| 2PDT | Gold | Center | BB (109) | 2-3, 5-6 | 1-2, 4-5 | AML27ABK2BC21BB |
| 2PDT | Silver | Center & Right | BA (110) | 2-3, 5-6 | 1-2, 4-5 | AML27ABK2AC22BA |
| 2PDT | Silver | Center & Right | BB (109) | 2-3, 5-6 | 1-2, 4-5 | AML27ABK2AC22BB |
| 2PDT | Silver | Center | BA (110) | 2-3, 5-6 | 1-2, 4-5 Mom. | AML27ABK2AC23BA |

*Note: All switch positions are maintained except where noted as Mom. (momentary)*

**Table 38. AML27 Series Key Switches (Three Position)**

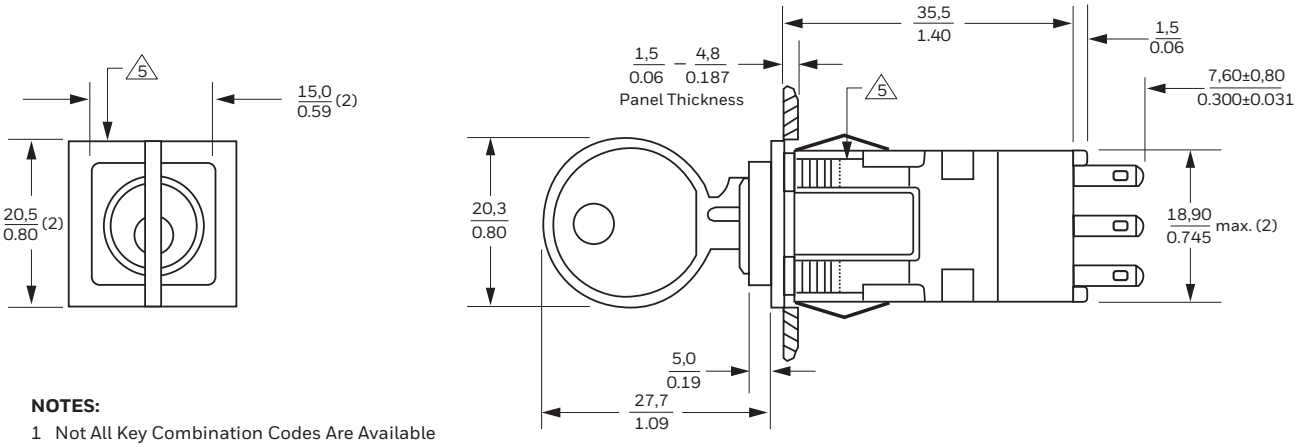
| No. of Poles | Contact Material | Key Withdrawal Position/s | Key Code (3 digit number marked on key) | Circuits Left Position (CCW) | Circuits Center Position | Circuits Right Position (CW) | Catalog Listing |
|---|---|---|---|---|---|---|---|
| 2PDT | Silver | Center | BB (109) | 2-3, 4-5 | 2-3, 5-6 | 1-2. 4-5 | AML27ABK2AC24BB |
| | Silver | Center & Right | BA (110) | 2-3, 4-5 | 2-3, 5-6 | 1-2. 4-5 | AML27ABK2AC28BA |
| | Silver | Left & Center | BA (110) | 2-3, 4-5 | 2-3, 5-6 | 1-2. 4-5 | AML27ABK2AC29BA |
| | Gold | Left, Center & Right | BA (110) | 2-3, 4-5 | 2-3, 5-6 | 1-2. 4-5 | AML27ABK2BC26BA |
| | Silver | Left | BL (111) | 2-3, 4-5 | 2-3, 5-6 | 1-2. 4-5 Mom. | AML27ABK2AC31BL |
| | Gold | Left & Center | BA (110) | 2-3, 4-5 | 2-3, 5-6 | 1-2. 4-5 Mom. | AML27ABK2BC30BA |

*Note: All switch positions are maintained except where noted as Mom. (momentary)*
*Circuits remain the same with key-in or key-out*

**Replacement Keys (2 keys per catalog listing)**

| Key Code | 3 Digit number marked on key | Catalog Listing |
|---|---|---|
| BA | 110 | 30PA101-AML |
| BB | 109 | 30PA102-AML |

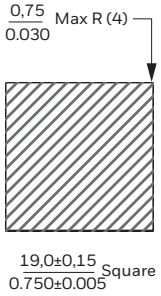
**Figure 41. AML27 Series Dimensions, mm [in] or mm/in**



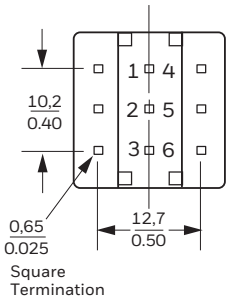

**NOTES:**

1 Not All Key Combination Codes Are Available
2 Silver and Gold Contact Options
3 One Pole and Two Pole Options
4 One Pole Circuitry Not Furnished with 3 Position Units
5 E.S.D. Conductor Location

## Panel Cutout




## Termination AML 27 Series



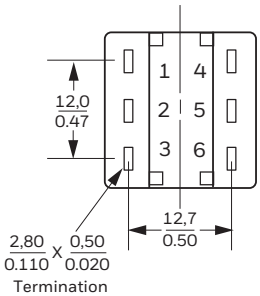
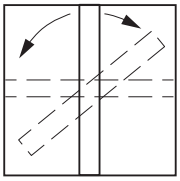
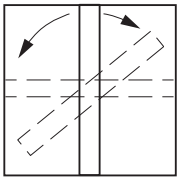



**Figure 42. AML27 Series Operating Action**

## Operating Action (Key Out In Center Position, Except Where Noted)



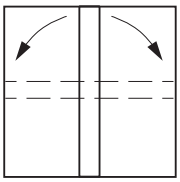
**"30"**
3 Position, CW-MOM 60°
90° Maint. CCW
Key Out In Center
and CCW Positions



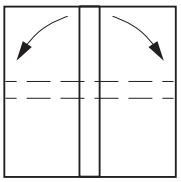
**"31"**
3 Position, CW-MOM 60°
90° Maint. CCW
Key Out In
CCW Position

**Two Position Units**

| | Released Position | Operated Position |
|---|---|---|
| 1 Pole | Circle 1-2 Open<br>Circle 2-3 Closed | Circle 1-2 Closed<br>Circle 2-3 Open |
| 2 Pole | Circle 1-2, 4-5 Open<br>Circle 2-3, 5-6 Closed | Circle 1-2, 4-5 Closed<br>Circle 2-3, 5-6 Open |



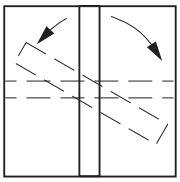
**"28"**
3 Position, Maint.
90° CW, 90° CCW
Key Out In Center
and CW Positions



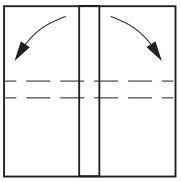
**"29"**
3 Position, Maint.
90° CW, 90° CCW
Key Out In Center
and CCW Positions

**Three Position Units**

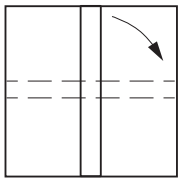
| | CCW | Center | CW |
|---|---|---|---|
| 2 Pole | Circle 1-2, 5-6 Open<br>Circle 2-3, 4-5 Closed | Circle 1-2, 4-5 Open<br>Circle 2-3, 5-6 Closed | Circle 1-2, 4-5 Closed<br>Circle 2-3, 5-6 Open |



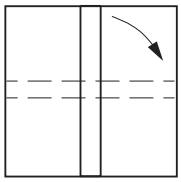
**"27"**
3 Position, CCW-MOM 60°
90° Maint. CW
Key Out In Center
and CCW Positions



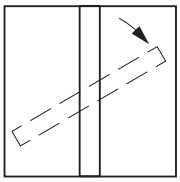
**"26"**
3 Position Maint.
90° CW, 90° CCW
Key Out All
3 Positions



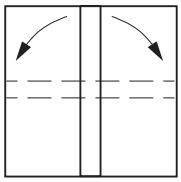
**"21"**
2 Position Maint.
90° CW



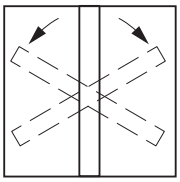
**"22"**
2 Position Maint.
90° CW, Key Out In
Both Positions



**"23"**
2 Position, MOM
60° CW



**"24"**
3 Position, Maint.
90° CW, 90° CCW



**"25"**
3 Position, MOM
60° CW and 60° CCW

**Figure 43. AML27 Series Nomenclature**

| AML27 | BK | 2 | AA | 24 | BA |
|---|---|---|---|---|---|
| Housing Type | Bezel Color | Terminal Type | Number of Poles and Contact Material | Operator Action and Key Withdrawal* | Key Code (# marked on key) |

**Housing Type**

| | |
|---|---|
| **AML27** | Unlighted, key switch |

**Bezel Color**

| | |
|---|---|
| **BK** | Black |

**Terminal Type**

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |

**Number of Poles and Contact Material**

| SILVER CONTACTS | GOLD CONTACTS | |
|---|---|---|
| **AA** | **BA** | One SPDT |
| **AC** | **BC** | Two SPDT |

**Operator Action and Key Withdrawal***

| | | CCW | CEN. | CW |
|---|---|---|---|---|
| TWO POSITION | **21** | None | Maint.* | Maint. |
| | **22** | None | Maint.* | Maint.* |
| | **23** | None | Maint.* | Mom. |
| THREE POSITION | **24** | Maint. | Maint.* | Maint. |
| | **25** | Mom. | Maint.* | Mom. |
| | **26** | Maint* | Maint.* | Maint.* |
| | **27** | Mom. | Maint.* | Maint.* |
| | **28** | Maint. | Maint.* | Maint.* |
| | **29** | Maint.* | Maint.* | Maint. |
| | **30** | Maint.* | Maint.* | Mom. |
| | **31** | Maint.* | Maint. | Mom. |

**Key Code (# marked on key)**

| | |
|---|---|
| **BA** | 110 |
| **BB** | 109 |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

* Key withdrawal positions
** For other keycodes, contact your local Honeywell provider

**Indicator**
(see Tables 39 & 40)

+

**Button**
(see Tables 41 & 42)

**Complete Unit**

- 0.110 in x 0.020 in quick connect or solder terminals

**Table 39. AML41 Series Button-Style Indicator Catalog Listings (Incandescent lamps)**

| Replaceable Incandescent Lamp Type (T-1 3/4 wedge base) | Square Housing 1 lamp ckt | Square Housing 2 lamp circuits | Rectangular Housing 1 lamp ckt | Rectangular Housing 2 lamp circuits |
|---|---|---|---|---|
| No lamp provided | AML41CBA2 | AML41DBA2 | AML41FBA2 | AML41GBA2 |
| 28 V lamp (#85) | AML41CBE2 | AML41DBE2 | AML41FBE2 | AML41GBE2 |

AML41C Series indicator, select AML51-C style button per Table 42
AML41D Series indicator, select AML51-D10RG(red/green) button per Table 42
AML41F Series indicator, select AML51-F style button per Table 42
AML41G Series indicator, select AML51-G style button per Table 42

**Table 40. AML41 Series Lens-Style Indicators (requires an AML51 Series style "lens" cap from table below)**

| Replaceable Incandescent Lamp Type (T-1 3/4 wedge base) | Rectangular Housing 1 lamp ckt | Rectangular Housing 2 lamp circuits | Rectangular Housing 3 lamp circuits |
|---|---|---|---|
| No lamp provided | AML41JBA2 | AML41KBA2 | AML41LBA2 |
| 28 V lamp (#85) | - | AML41KBE2 | AML41LBE2 |

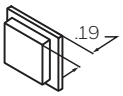
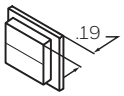
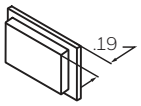
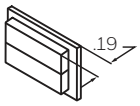
AML41J Series indicator, select AML51-J style lens per Table 41
AML41K Series indicator, select AML51-K style lens per Table 41
AML41L Series indicator, select AML51-L style lens per Table 41

**Table 41. AML51 Series Lens Caps without Legends for AML41J, AML41K, or AML41L Series Rectangular Housing Indicators*****

| Transmitted Color | AML51-J Series | AML51-K Series | AML51-L Series |
|---|---|---|---|
| | Lens cap for 1 lamp ckt | Lens cap for 2 lamps circuits | Lens cap for 3 lamp circuits |
| Red | AML51-J10R | – | – |
| Yellow | AML51-J10Y | – | – |
| Green | AML51-J10G | – | – |
| Blue | – | – | – |
| White | AML51-J10W | – | – |
| Amber | – | – | – |
| Red/Green | – | AML51-K10RG | – |
| **Two piece button (clear cap & color insert/s)** | | | |
| Green | AML51-J11G | – | – |
| Amber | AML51-J11A | – | – |
| Green/Red | – | AML51-K11GR | – |

***For AML51Series Lens Style J, K or L with Legends contact the local Honeywell source

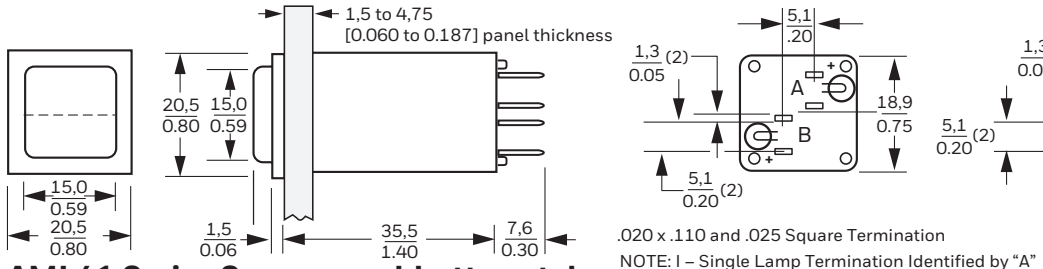
**Table 42. AML51 Series Buttons without Legends, for use with AML41C, AML41D, AML41F or AML41G Series Indicators****

| Transmitted Color | AML51-C Series Button for square housing, 1 lamp ckt | AML51-D Series Button for square housing, 2 lamp ckts | AML51-F Series Button for rectangular housing, 1 lamp ckt | AML51-G Series Button for rectangular housing, 2 lamp ckts |
|---|---|---|---|---|
| |   |   |   |   |
| Red | AML51-C10R | – | AML51-F10R | AML51-G10RR |
| Yellow | AML51-C10Y | – | AML51-F10Y | – |
| Green | AML51-C10G | – | AML51-F10G | – |
| Blue | AML51-C10B | – | AML51-F10B | – |
| White | AML51-C10W | – | AML51-F10W | AML51-G10WW |
| Amber | AML51-C10A | – | AML51-F10A | – |
| Red/Yellow | – | – | – | AML51-G10RY |
| Red/Green | – | AML51-D10RG | – | AML51-G10RG |
| Red/White | – | – | – | AML51-G10RW |
| Yellow/Green | – | – | – | AML51-G10YG |
| Green/Yellow | – | – | – | AML51-G10GY |
| White/Red | – | – | – | AML51-G10WR |
| White/Green | – | – | – | AML51-G10WG |
| **Two piece button (clear cap & color insert/s)** | | | | |
| Red | AML51-C11R | – | AML51-F11R | – |
| Yellow | AML51-C11Y | – | AML51-F11Y | – |
| Green | AML51-C11G | – | AML51-F11G | – |
| Blue | AML51-C11B | – | AML51-F11B | AML51-G11BB |
| White | AML51-C11W | – | AML51-F11W | AML51-G11WW |
| Amber | - | – | AML51-F11A | – |
| Red/Green | - | – | – | AML51-G11RG |
| Yellow/White | - | – | – | AML51-G11YW |
| Green/Red | - | – | – | AML51-G11GR |
| **Dead front, two piece button (gray cap & color insert)** | | | | |
| Red | AML51-C30R | – | – | – |
| Yellow | – | – | – | – |
| Green | AML51-C30G | – | – | – |
| Blue | – | – | – | – |
| White | AML51-C30W | – | – | – |
| Amber | AML51-C30A | – | – | – |
| Red/Green | – | – | – | AML51-G30RG |
| **Projected color, two piece button (white cap and color insert*)** | | | | |
| Red | AML51-C50R | – | AML51-F50R | – |
| Yellow | AML51-C50Y | – | – | – |
| Green | AML51-C50G | – | AML51-F50G | – |
| Blue | – | – | – | – |
| White* | – | – | AML51-F50W | AML51-G50WW |
| Amber | AML51-C50A | – | – | – |
| White*/Blue | – | – | – | AML51-G50WB |

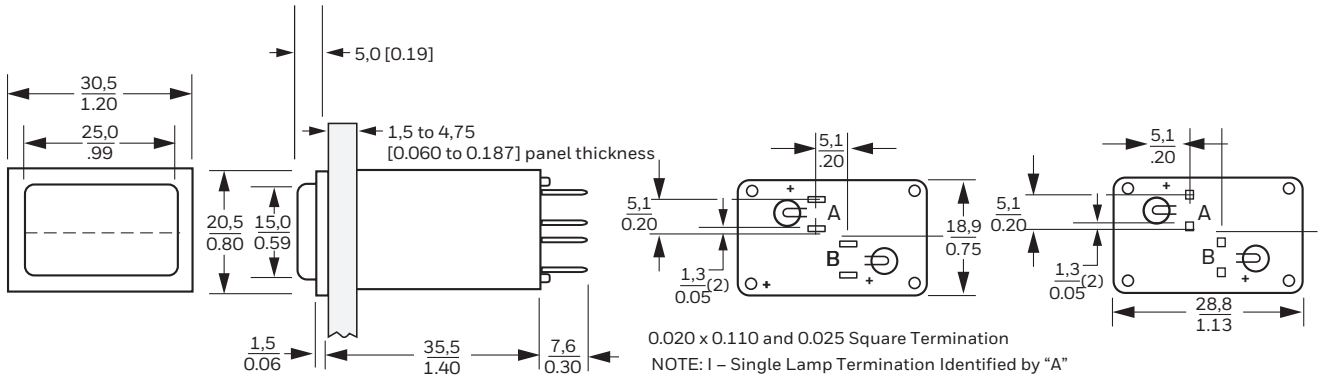
**When projected color is white, white cap is furnished with clear insert*

***For AML51 Series Buttons Style C, D, F or G with Legends refer to Figure 52*

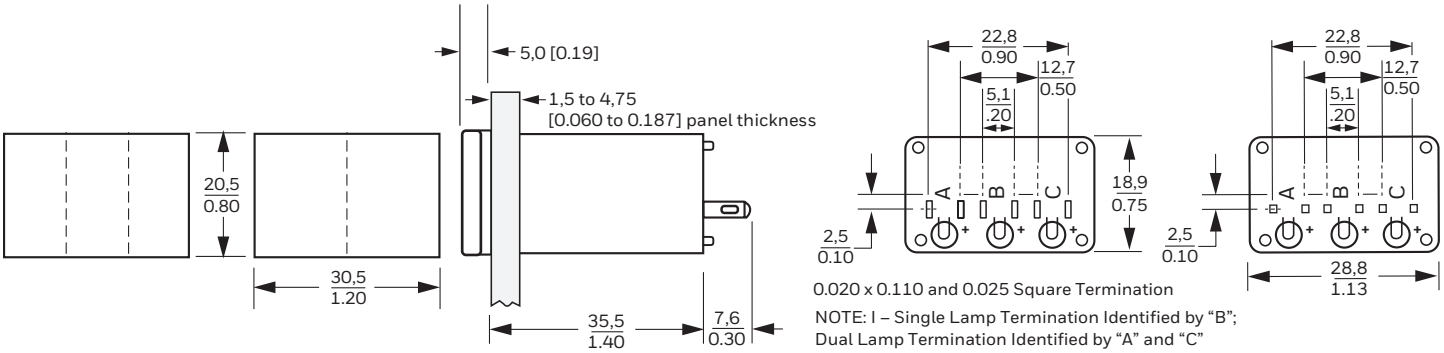
**Figure 44. AML41 Series Dimensions, mm [in] or mm/in**




## AML41 Series Square, pushbutton style




## AML41 Series Rectangular, pushbutton style




## AML41 Series Rectangular, lens style

**Figure 45. AML41 Series Nomenclature**

| AML41C | B | B | 2 |
|---|---|---|---|
| Housing Type | Bezel Color | Incandescent Lamp Type | Terminal Type |

PUSHBUTTON STYLE

| | |
|---|---|
| **AML41C** | Square, 1 lamp circuit |
| **AML41D** | Square, 2 lamp circuits |
| **AML41F** | Rectangular, 1 lamp circuit |
| **AML41G** | Rectangular, 2 lamp circuits |

LENS STYLE

| | |
|---|---|
| **AML41J** | Rectangular, 1 lamp circuit |
| **AML41K** | Rectangular, 2 lamp circuits |
| **AML41L** | Rectangular, 3 lamp circuits |

| | |
|---|---|
| **B** | Black |

| | |
|---|---|
| **A** | No lamp provided |
| **B** | 6 V lamp (#86) |
| **C** | 14 V lamp (#77) |
| **D** | 28 V lamp (#85) |

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] quick-connect or solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

**Figure 46. AML51 Buttons for AML21 Switches, AML31 Switches and AML41 Indicators Nomenclature**

*For incandescent lighted or unlighted pushbuttons and indicators with pushbutton style displays*

| AML51-C | 11 | R |
|---|---|---|
| Pushbutton Style Cap Housing | Display Type | Full Color or 1st Color Split |

| | | |
|---|---|---|
| SQUARE | **AML51-C** | 0.19 inch button height |
| | **AML51-A** | 0.32 inch button height |
| | **AML51-B*** | 0.43 inch button height |
| | **AML51-D** | 0.19 inch button height with split for AML41 two lamp indicator |
| RECTANGULAR | **AML51-F** | 0.19 inch button height |
| | **AML51-H** | 0.32 inch button height |
| | **AML51-E*** | 0.43 inch button height |
| | **AML51-G** | 0.19 inch button height for 2 lamps - split along long axis |
| | **AML51-N**** | 0.32 inch button height for 2 lamps - split along long axis |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |
| **20** | Transmitted color, one-piece color cap (legend on cap) |
| **11** | Transmitted color, clear cap with color insert (no legend) |
| **21** | Transmitted color, clear cap with color insert (Legend on insert) |
| **30** | Dead front (smoke gray cap with color insert) |
| **50** | ***Projected color (white cap and color insert) |

| | | | |
|---|---|---|---|
| **R** | Red | **R** | Red |
| **Y** | Yellow | **Y** | Yellow |
| **G** | Green | **G** | Green |
| **B** | Blue | **B** | Blue |
| **W** | *** White | **W** | *** White |
| **K** | Black | **K** | Black |
| **L** | Gray | **L** | Gray |
| **A** | **** Amber | **A** | **** Amber |

NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance
Note: Dimensions include the 0.06 inch standard bezel
Note: Black and gray buttons not recommended for lighted displays
*Available with transmitted color (10) only
**Not available with transmitted color (10)
***Insert is clear when display type (50) is specified with white(W) color
****Available with display type "transmitted color" and "dead front" only

**Figure 47. AML51 Lens for AML41 Indicators with Lens Cap Style Nomenclature**

*For incandescent indicators with lens-style cap*

| AML51-K | 11 | R | | |
|---|---|---|---|---|
| Lens Style Cap (for indicators only) | Display Type | Full Color or 1st Color Split | 2nd Color Split (if required) | 3rd Color Split (if required) |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **AML51-J** | 0.2 in cap height for 1 lamp indicators | **10** | Transmitted color, one-piece color cap (no legend) | **R** | Red | **R** | Red | **R** | Red |
| **AML51-K** | 0.2 in cap height for 2 lamp indicators (split along short axis) | **11** | Transmitted color, clear cap with color insert (no legend) | **Y** | Yellow | **Y** | Yellow | **Y** | Yellow |
| **AML51-L** | 0.2 in cap height for 3 lamp indicators (split along short axis) | **30** | Dead front (smoke gray cap with color insert) | **G** | Green | **G** | Green | **G** | Green |
| | | **50** | *Projected color (white cap and color insert) | **B** | Blue | **B** | Blue | **B** | Blue |
| | | | | **W** | * White | **W** | * White | **W** | * White |
| | | | | **A** | ** Amber | **A** | ** Amber | **A** | ** Amber |

NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance
*Insert is clear when display type (50) is specified with white (W) color
**Available with display type "transmitted color" and "dead front" only

**Indicator with integral LED**
(see Table 43)

**Button** (see Table 44)

**Complete Unit**

**or compact indicator with LED display**
(see Table 43)

**Table 43. AML42 Series Indicators with Integral LED and 0.110 x 0.020 quick connect or solder terminals**

| Supply Voltage (dc) | LED Color | Square Housing 1 LED lamp circuit | Rectangular Compact Housing: 1 LED lamp circuit | Rectangular Compact Housing: 1 LED lamp circuit with diode protection** |
|---|---|---|---|---|
| | | AML42C Series requires AML52-A or AML52-C series button ordered separately from table below | AML42S Series with integral lens | AML42S Series with integral lens |
| V* | Red | – | AML42SBB2 | – |
| V* | Yellow | – | AML42SBH2 | – |
| V* | Gtreen | – | AML42SBR2 | – |
| 5 | Red | AML42CBC8** | AML42SBC2 | AML42SBC8 |
| 5 | Yellow | – | AML42SBJ2 | – |
| 5 | Green | AML42CBS2 | AML42SBS2 | AML42SBS8 |
| 15 | Red | – | AML42SBE2 | – |
| 15 | Yellow | – | AML42SBL2 | AML42SBL8 |
| 15 | Green | – | AML42SBW2 | – |
| 24 | Red | – | AML42SBF2 | – |
| 24 | Yellow | AML42CBM2 | AML42SBM2 | AML42SBM8 |
| 24 | Green | – | AML42SBX2 | AML42SBX8 |

**The LED does not include an internal resistor. A suitable external resistor must be added to the LED circuit for a nominal current of 20 mA*

***Catalog listing includes diode protection. Reference Table 48.*

**Table 44. AML52 Series Buttons without Legends for AML42C Series LED Indicators**

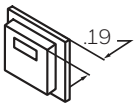
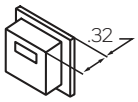
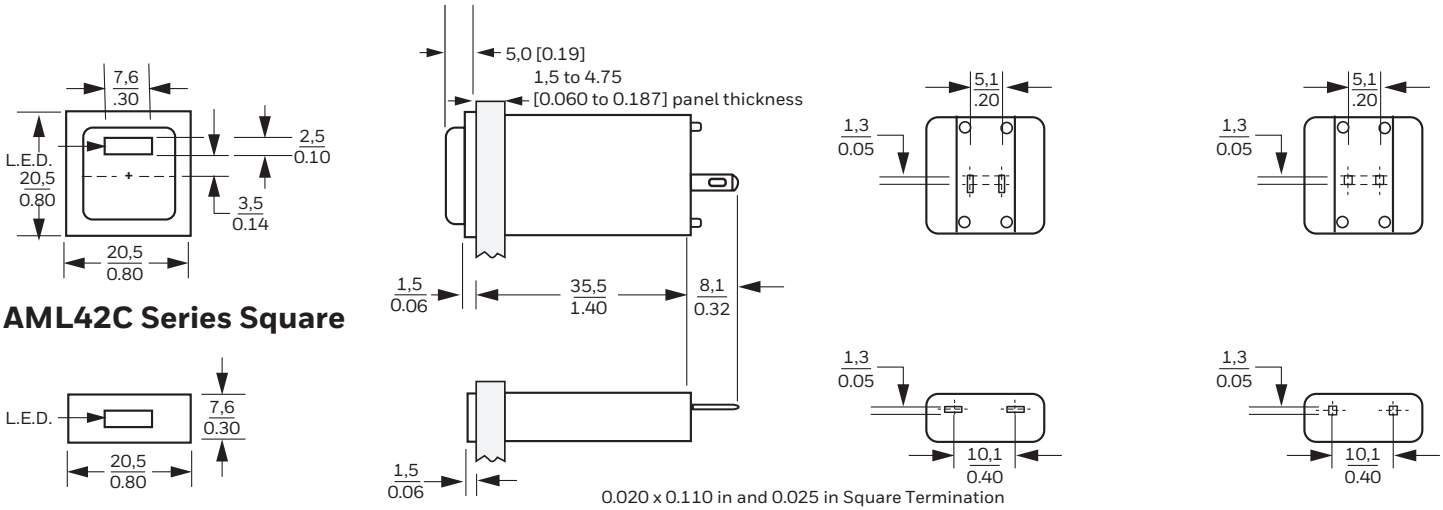
| Button Color | AML52-C Series (Standard) | AML52-A Series (Optional) |
|---|---|---|
| **One piece button** |   |   |
| Red | AML52-C10R | AML52-A10R |
| Yellow | AML52-C10Y | AML52-A10Y |
| Green | AML52-C10G | AML52-A10G |
| Blue | AML52-C10B | AML52-A10B |
| White | AML52-C10W | AML52-A10W |
| Black | AML52-C10K | AML52-A10K |
| Gray | AML52-C10L | - |

**Figure 48. AML42 Series Dimensions, mm [in] or mm/in**




## AML42C Series Square




## AML42S Series Compact

**Figure 49. AML42 Series Nomenclature**

| AML42C | B | B | 2 |
|---|---|---|---|
| Housing (Standard Bezel) | Bezel Color | LED Color & Voltage | Terminal Type |

**Housing (Standard Bezel)**

| | |
|---|---|
| **AML42C** | Square, 1 LED lamp circuit |
| **AML42S** | Compact, 1 LED lamp circuit |

**Bezel Color**

| | |
|---|---|
| **B** | Black |

**LED Color & Voltage**

| | | |
|---|---|---|
| RED | **B** | Vdc* |
| | **C** | 5 Vdc |
| | **D** | 10 Vdc |
| | **E** | 15 Vdc |
| | **F** | 24 Vdc |
| YELLOW | **H** | Vdc* |
| | **J** | 5 Vdc |
| | **K** | 10 Vdc |
| | **L** | 15 Vdc |
| | **M** | 24 Vdc |
| GREEN | **R** | Vdc* |
| | **S** | 5 Vdc |
| | **T** | 10 Vdc |
| | **W** | 15 Vdc |
| | **X** | 24 Vdc |

**Terminal Type**

| | |
|---|---|
| **2** | 2,8 mm x 0,5 mm [0.110 in x 0.020 in] Quick-connect or Solder |
| **3** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] Push-on or Printed Ckt. |
| **8** | 2,8 mm x 0,5 mm [0.110 x 0.020 in] Quick-connect or solder w/ diode protection |
| **9** | 0,64 mm x 0,64 mm [0.025 in x 0.025 in] push-on or printed circuit with diode protection |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance
* An appropriate external series resistor must be added to the LED circuit to limit the current to a nominal 20 mA

**Figure 50. AML52 Buttons for AML42C Indicators Switches Nomenclature**

| AML52-C | 10 | R |
|---|---|---|
| Pushbutton Style Cap Square Housing | Display Type | Button Color |

| | |
|---|---|
| **AML52-C** | 0.19 inch button height |
| **AML52-A** | 0.32 inch button height |

| | |
|---|---|
| **10** | Transmitted color, one-piece color cap (no legend) |

| | |
|---|---|
| **R** | Red |
| **Y** | Yellow |
| **G** | Green |
| **B** | Blue |
| **W** | White |
| **K** | Black |
| **L** | Gray |
| **A** | Amber |

NOTE: Not all combinations of model codes are available. Please contact your Honeywell provider/representative for assistance.

**Table 45. AML45 Series LED Annunicators with 0.110 x 0.020 quick connect or solder terminals**

| Supply Voltage (dc) | LED Color | Rectangular Housing Full Screen 2 LEDs | Rectangular Housing Full Screen 2 LEDs with diode protection** | Rectangular Housing Split Screen 2 LEDs |
|---|---|---|---|---|
| 5 | Red | AML45RKB2RR | – | – |
| 5 | Yellow | AML45RKB2YY | – | – |
| 5 | Green | – | – | – |
| 15 | Red | AML45RKD2RR | – | – |
| 15 | Yellow | – | – | – |
| 15 | Green | – | – | – |
| 24 | Red | AML45RKF2RR | AML45RKF8RR | AML45SKF8RR |
| 24 | Yellow | AML45RKF2YY | AML45RKF8YY | – |
| 24 | Green | AML45RKF2GG | AML45RKF2GG | – |

**Table 46. AML59 Series Lens Cap Assemblies without Legend Insert for AML45 Series Annunicators***

| Full Screen Insert Color | Catalog Listing |
|---|---|
| Red | AML59-RK10R |
| Yellow | AML59-RK10Y |
| Green | AML59-RK10G |

**For AML59 Series Legend Film Insert with legend, contact the local Honeywell source*

*** Reference Table 48 for information*

# Solid State LED Annunciators

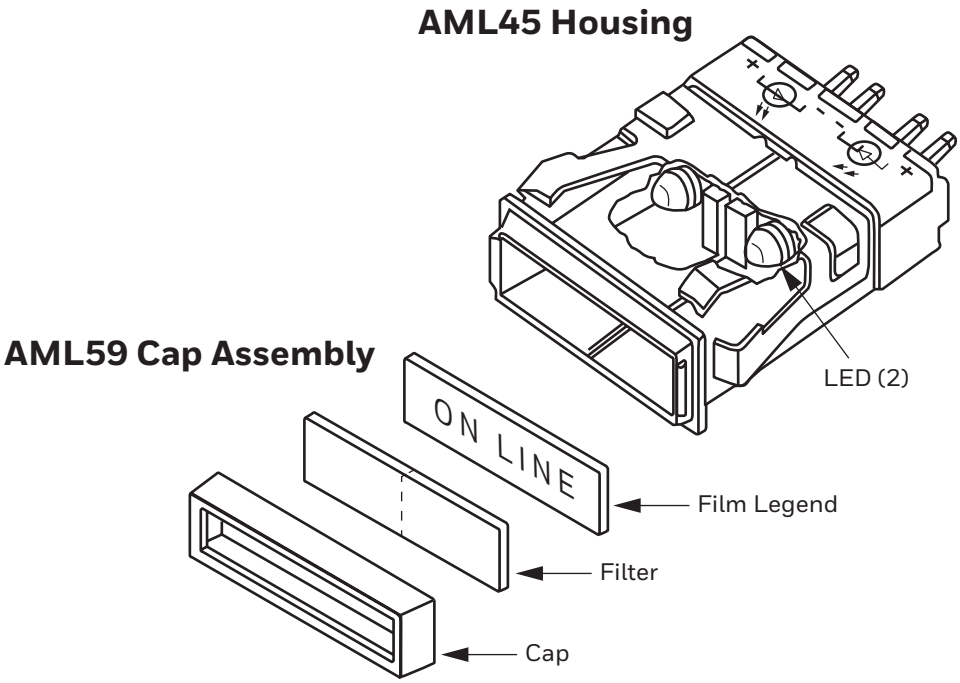
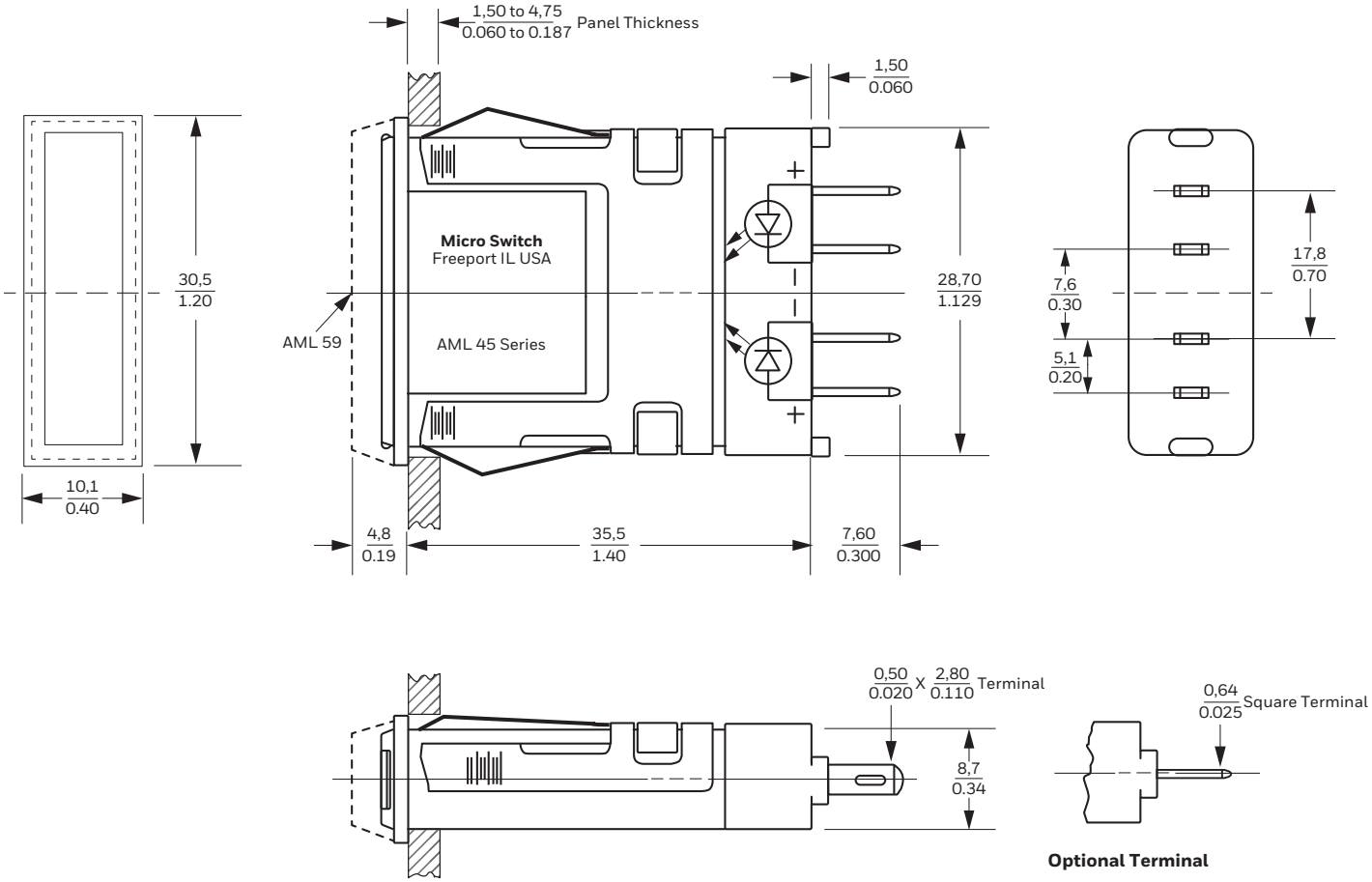
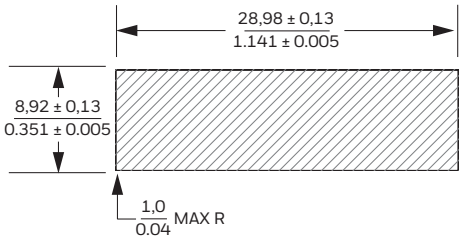


**Figure 51. AML45 Series Annunciators Dimensional Drawing, mm [in] or mm/in**




## Panel Cutout



# AML Pushbutton Legend Sheet/Product Specification

Page _____ of _____

## LEGEND ORDER GUIDE

| Button: Type Orientation | Figure NO | Max Lines/Area 5/64 | 7/64 | 9/64 | 13/64 | 5/16 | Button Filter | Max Characters/Line 5/64 | 7/64 | 9/64 | 13/64 | 5/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AREA 1 A*B P,R | 1 | 4/*3 | 3/*2 | 3/*2 | 2/*1 | 1/*1 | Button Filter | 7/*5 | 5/*4 | 5/*3 | 3/*2 | 1/*1 |
| AREA 1 C | 2 | 4/3 | 3/2 | 3/2 | 2/1 | 1/1 | | 7/5 | 5/4 | 5/3 | 3/2 | 1/1 |
| AREA 1 2 D | 3 | 1/1 | 1/1 | 1/1 | 0/0 | 0/0 | | 7/5 | 5/4 | 5/3 | 0/0 | 0/0 |
| AREA 1 E,H* | 4 | 4/*3 | 3/*2 | 3/*2 | 2/*1 | 1/*1 | | 11/*10 | 9/*8 | 8/*7 | 5/*5 | 3/*3 |
| AREA 1 E,H* | 5 | 6/*6 | 4/*4 | 4/*4 | 3/*3 | 2/*2 | | 7/*5 | 5/*4 | 5/*3 | 3/*2 | 1/*1 |
| AREA 1 F | 6 | 4/3 | 3/2 | 3/2 | 2/1 | 1/1 | | 11/10 | 9/8 | 8/7 | 5/5 | 3/3 |
| AREA 1 F | 7 | 6/6 | 4/4 | 4/4 | 3/3 | 2/2 | | 7/5 | 5/4 | 5/3 | 3/2 | 1/1 |
| AREA 1 2 G,N | 8 | 1/1 | 1/1 | 1/1 | 0/0 | 0/0 | | 11/10 | 9/8 | 8/7 | 0/0 | 0/0 |
| AREA 1 M | 9 | 5/0 | 4/0 | 3/0 | 2/0 | 1/0 | | 8/0 | 6/0 | 6/0 | 3/0 | 1/0 |

**Definitions of Markings**

Thru holes to snap into indicator housings

Internal reliefs to snap over switch plunger tabs

**Standard Legend Placement**

Use special legends sec. for other placements

1. Transmitted Color – Legend on outer shell (Button)
2. Dead Front - Legend on Insert
3. Projected Color - Legend on outer shell (Button)
4. Transmitted color with clear cap legend on Insert

Catalog Listing
**AML51 -**

| Customer P.O. No. | Customer Dwg. No. | |
|---|---|---|
| Honeywell Sales Order | Line Number | Schedule No. |

Customer: _____

Address: _____
(city) (state)

**Instructions**

1. Fill in appropriate catalog listing - one listing/sheet.
2. Check proper figure #. Type size, Type color.
3. Fill in quantity required.
4. Indicate legends desired – Do not exceed maximums shown in legend order guide.

**Note**

1. For proper legend orientation, AML housings (when viewed from front of panel) should have "MICRO SWITCH" logo oriented "UP" on square devices and "UP" or to the "LEFT" on rectangular devices.
2. Please us black ink in filling out this form to help us process your order.
3. * INSERT ONLY ON STYLE A & H BUTTON.

Modified Gothic lettering (A thru Z). numerals (0 thru 9) and Symbols below available in 5/64, 7/64, 9/64, 13/64 and 5/16.

A3
Modified Gothic

STANDARD SYMBOLS AVAILABLE

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | , | : | ; | ! | ? | ' | _ | " | / | ( | ) | * | & |
| $ | ¢ | # | % | ° | + | - | ± | ÷ | X | = | ≠ | > | < |
| ➔ | ↑ | ↓ | ← | CR | 1/4 | 1/2 | 3/4 | 1/3 | 2/3 | @ | ∞ | | |

**SPECIAL LEGENDS**

NOTE: Use this area to show special Legend Locations or Configurations NOT shown to the left. NON-STANDARD legends will involve additional charges and increased delivery time.

| Fig. "A" | Fig. "B" |
|---|---|
| | |

## LEGEND ORDER CHART

| Customer Part No | Fig No | Type Size 5/64 | 7/64 | 9/64 | 13/64 | 5/16 | Ink Color Black | White | Button Qty | AREA | 1st Line | 2nd Line | 3rd Line | 4th Line | 5th Line | 6th Line |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 1 | | | | | | |
| | | | | | | | | | | 2 | | | | | | |
| | | | | | | | | | | 1 | | | | | | |
| | | | | | | | | | | 2 | | | | | | |
| | | | | | | | | | | 1 | | | | | | |
| | | | | | | | | | | 2 | | | | | | |
| | | | | | | | | | | 1 | | | | | | |
| | | | | | | | | | | 2 | | | | | | |
| | | | | | | | | | | 1 | | | | | | |
| | | | | | | | | | | 2 | | | | | | |

Sheet prepared by:

_____
(Signature)

_____
(Date)

FO-63394-K

Figure 52. AML Pushbutton Legend Sheet

**Table 47. AMLSeries Accessories**

| | Catalog Listing | Type | Description | Note |
|---|---|---|---|---|
| | AML71SCB[1] | Center | Short barrier for use with square devices or short side of rectangular devices | – |
| | AML71SEB[1] | End | | – |
| | AML71LCB[1] | Center | Long barrier for use with long side of rectangular devices | – |
| | AML71LEB[1] | End | | – |
| | AML75ABC | Std. bezel | Pushbutton panel seal for lighted or unlighted square pushbutton 0.19 in high | Operating temperature, 0 °C to 55 °C [32 °F to 131 °F] |
| | AML75BBC | Std. bezel | Pushbutton panel seal for lighted or unlighted rectangular pushbutton 0.19 in high | Operating temperature, 0 °C to 55 °C [32 °F to 131 °F] |
| | AML76C10T01P | Std. bezel | Clear switch guard cover for square 0.19 in height pushbuttons | May be locked with 0.020 wire for additional protection |
| | AML76F10T01P | Std. bezel | Clear switch guard cover for rectangular 0.19 in height pushbuttons | May be locked with 0.020 wire for additional protection |
| | AML78CB | Std. bezel | Square panel plug, black matte finish | Same height as the "Std" bezel |
| | AML78FB | Std. bezel | Rectangular panel plug, black matte finish | Same height as the "Std" bezel |
| | AML91LA86 | – | 6.3 V incandescent T-1 3/4 wedge base lamp | #86 Lamp |
| | AML91LA73 | – | 14 V incandescent T-1 3/4 wedge base lamp | #73 Lamp |
| | AML91LA85 | – | 28 V incandescent T-1 3/4 wedge base lamp | #85 Lamp |
| | AML92ERL | Six chip | Red LED, T-1 3/4 wedge base lamp High intensity | *Requires external series current limiting resistor |
| | AML92EGL | Six chip | Green LED, T-1 3/4 wedge base lamp High intensity | *Requires external series current limiting resistor |
| | AML92EYL | Six chip | Yellow LED, T-1 3/4 wedge base lamp High intensity | *Requires external series current limiting resistor |
| | AML92EWL | Six chip | White LED, T-1 3/4 wedge base lamp High intensity | *Requires external series current limiting resistor |

**The LED did not include an internal resistor. A suitable external resistor must be added to the LED circuit limiting the current to 50 mA*
*[1]Barriers are designed to prevent inadvertent actuation of adjacent mounted switches.*

**Table 48. Integral LEDs**

| LEDs Furnished Permanently Installed in These Products | $V_1$ | $I_1$ | $V_{PD}$ | Peak Inverse Voltage | |
|---|---|---|---|---|---|
| | | | | Without Diode Protection | With Diode Protection |
| AML 22, 25, 26, 42 | 2.4 V | 20 mA | 0.7 V | 5 V | 34 V |
| AML45 | 2.4 V | 20 mA | 0.7 V | 4 V | 33 V |

*100,000 hours (half life)*

### AML92 SERIES LEDs

For use with these AML switches and indicators equipped with lamp sockets:

- **Pushbuttons switches:** AML21 rectangular and square, and AML31
- **Paddle switches:** AML23/33
- **Rocker Switches:** AML 24/34
- **Indicators:** AML41

**Table 49. AML92 Operating Characteristics**

| Type | $V_F$ Forward Voltage (typ.) | | | | $I_F$ Forward Current | $V_R$ Reverse Voltage |
|---|---|---|---|---|---|---|
| | Yellow | Green | Red | White | | |
| Six chip | 4 V | 4 V | 4 V | 4 V | 50 mA | 5.6 V |

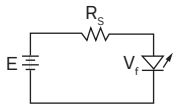
*Operating Temperature Range: -20 ºC to 60 ºC [-4 ºF to 140 ºF]*
*Storage Temperature Range: -30 ºC to 100 ºC [-22 ºF to 212 ºF]*

### LED Application Information

For those devices without internal current limiting resistors, suitable external control of the LED current must be provided. It is recommended that a minimum of 5 Vdc open circuit voltage with an appropriate series resistance be used to drive LED devices. This minimizes the effect of temperature (current variation) on forward voltage of the LED.

Resistor values can be determined by supply voltage or current for LED:

$$R_S = \frac{E - V_f}{I_f}$$




Where: $R_s$ = Series Resistance
E = Supply Voltage
$V_f$ = Forward Voltage of LED
$I_f$ = Circuit Current

If a diode is added in series for reverse polarity protection, then:

$$R_S = \frac{E - V_f - V_{PD}}{I_f}$$

Where: $V_{PD}$ = Forward Voltage of Protection Diode

## ⚠ WARNING
## PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

## ⚠ WARNING
## MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

**Warranty/Remedy**

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship during the applicable warranty period. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgment or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items that Honeywell, in its sole discretion, finds defective. **The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While Honeywell may provide application assistance personally, through our literature and the Honeywell web site, it is buyer's sole responsibility to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this writing. However, Honeywell assumes no responsibility for its use.

**For more information**

Honeywell Sensing and Internet of Things services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing or the nearest Authorized Distributor, visit sensing.honeywell.com or call:

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