Honeywell

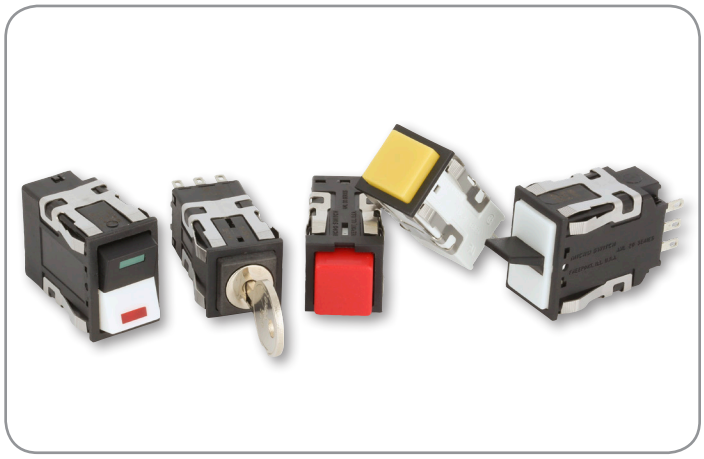
Operator Interface Switches and Indicators

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
- Aviation
- 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 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	–

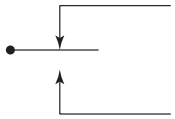
		Full Guard Black Bezel (5,0 mm [0.19 in] above panel)	
Circuitry, Form C	**Contact Material**	**Square Housing**	**Rectangular Housing**
1PDT momentary	Silver	AML21HBA2AA	AML21KBA2AA
2PDT momentary	Silver	AML21HBA2AC	AML21KBA2AC
1PDT alt-action	Silver	AML21HBA2AB	–
2PDT alt-action	Silver	AML21HBA2AD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

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

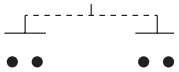
		Standard Black Bezel (1,52 mm [0.06 in] above panel)
Circuitry, Form X	**Contact Material**	**Rectangular Housing**
2PST normally open momentary	Silver	AML31EBA4AC
2PST normally open alt-action	Silver	AML31EBA4AD

[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.

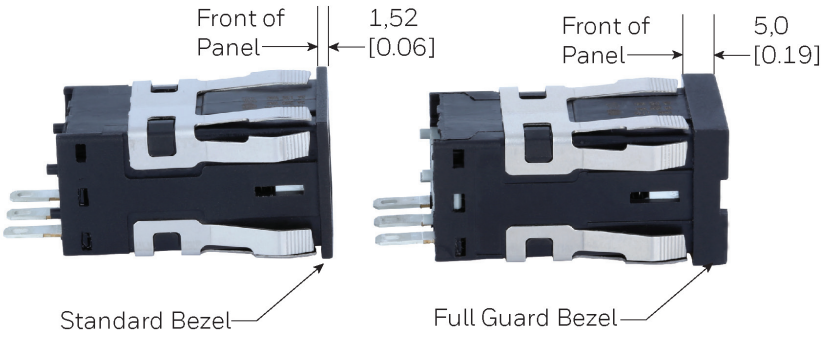
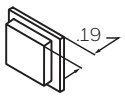
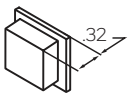
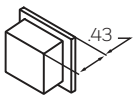
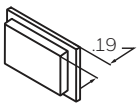
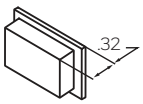
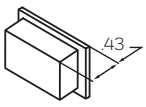
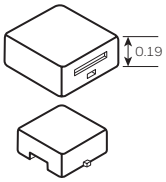
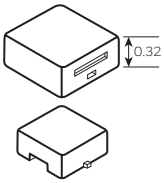
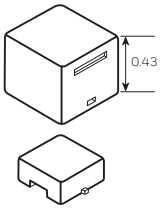
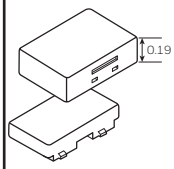
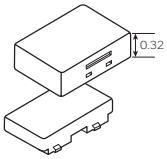
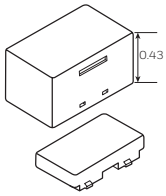
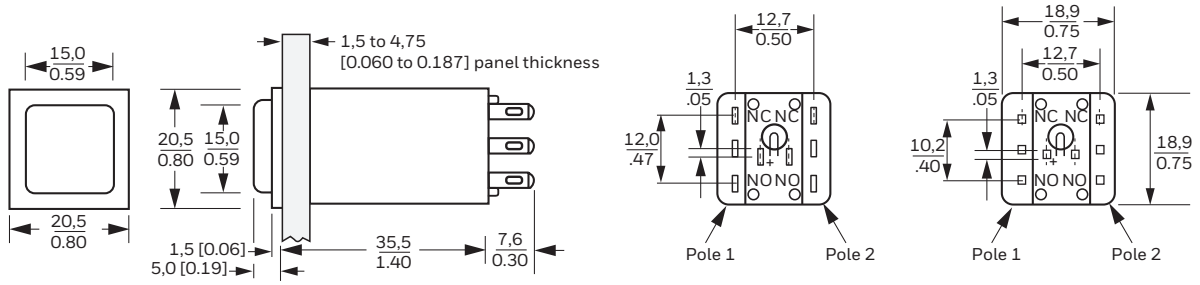


Table 6. AML51 Series Buttons without Legends for AML21 & AML31 Series Pushbuttons**

	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*

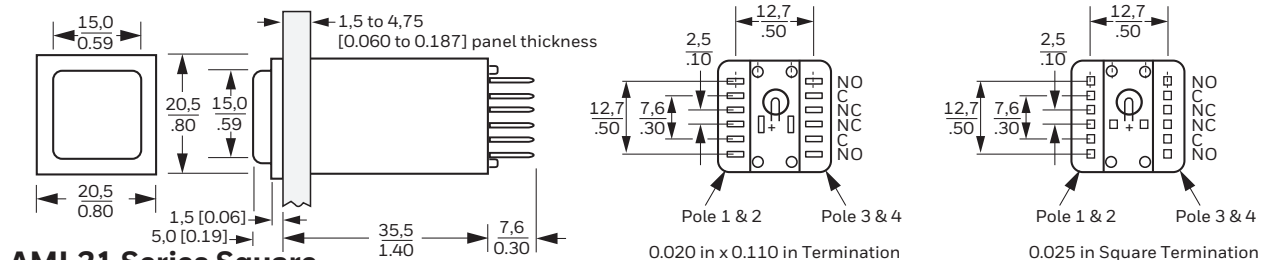
Figure 1. AML21 and AML31 Series Dimensions, mm [in] or mm/in



0.020 in x 0.110 in Termination

0.025 in Square Termination

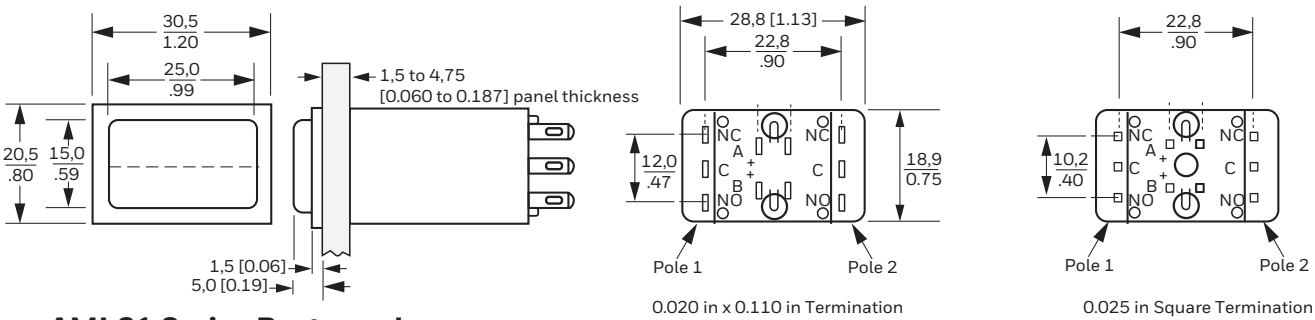
AML21 Series Square



0.020 in x 0.110 in Termination

0.025 in Square Termination

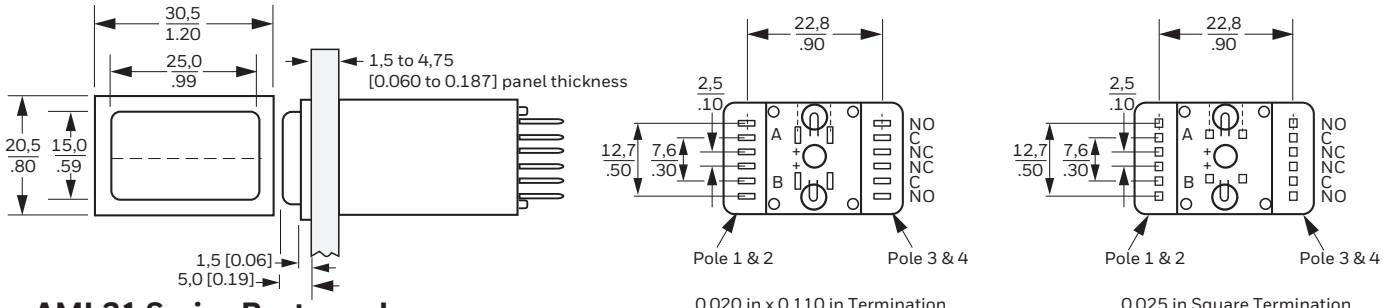
AML21 Series Square



0.020 in x 0.110 in Termination

0.025 in Square Termination

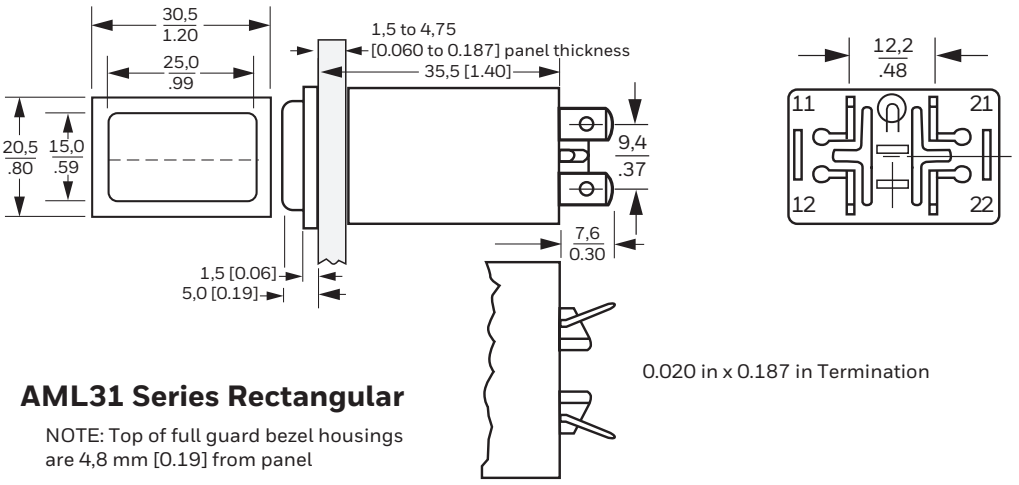
AML21 Series Rectangular



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.

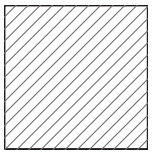
AA — Number of Poles & Contact Material

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)

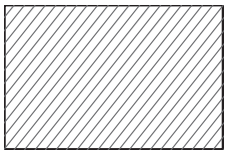
NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance.

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

WITHOUT BARRIERS

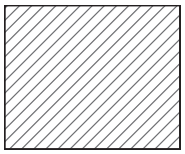


19,05 [0.750] Square

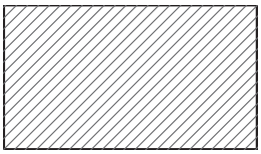


28,98 [1.141] x 19,05 [0.750]

WITH SHORT BARRIERS[1]

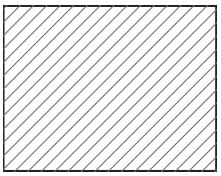


23,25 [0.915] x 19,05 [0.750]



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

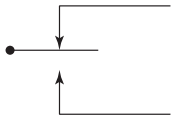
Table 10. AML31 Series Lighted Power-Duty Pushbutton Catalog Listings[1]

			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

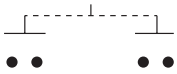
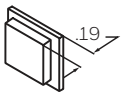
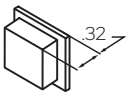
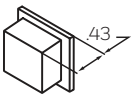
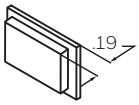
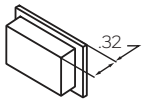
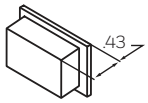
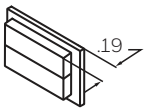
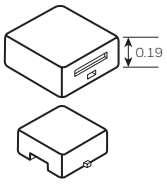
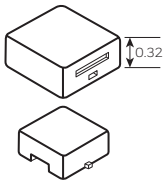
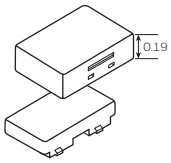
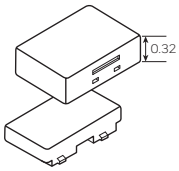
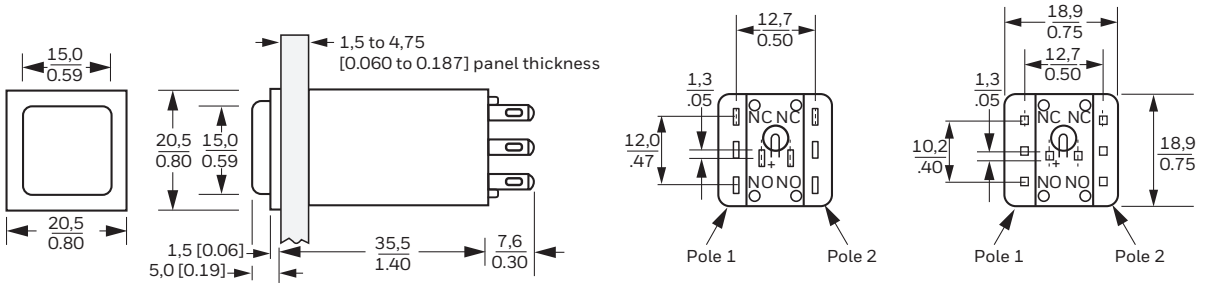


Table 11. AML51 Series Buttons without Legends for AML21 & AML31 Series Lighted Pushbuttons**

	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

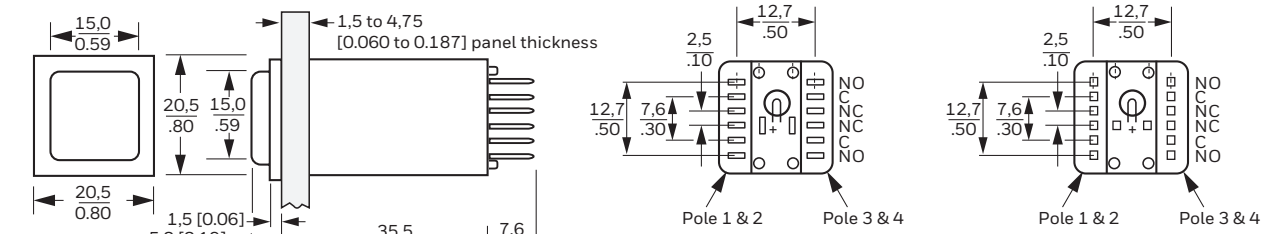
Figure 5. AML21 and AML31 Series Dimensions, mm [in] or mm/in



0.020 in x 0.110 in Termination

0.025 in Square Termination

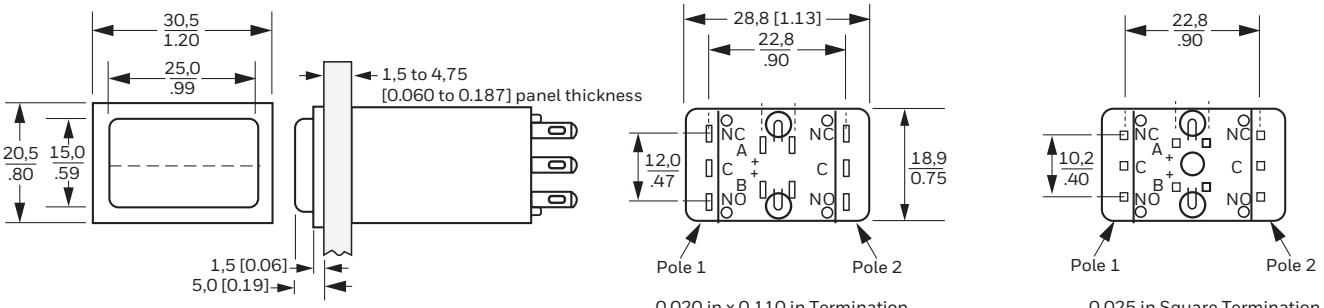
AML21 Series Square



0.020 in x 0.110 in Termination

0.025 in Square Termination

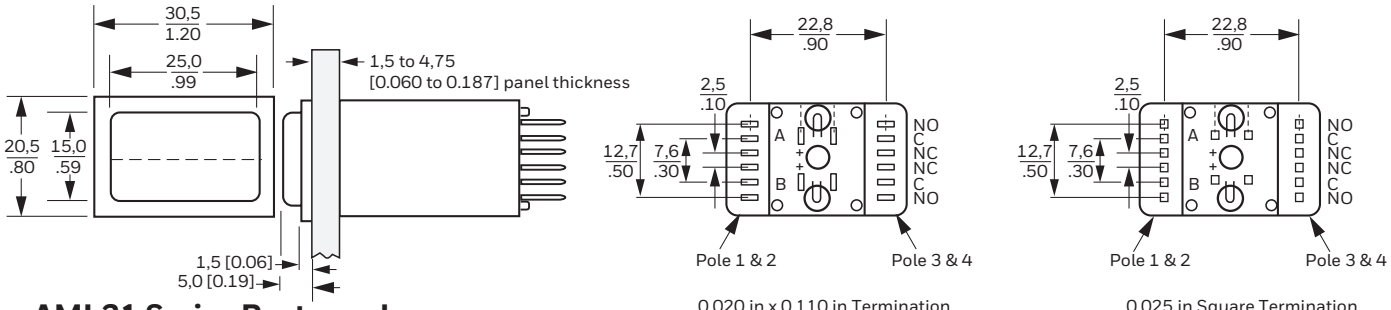
AML21 Series Square



0.020 in x 0.110 in Termination

0.025 in Square Termination

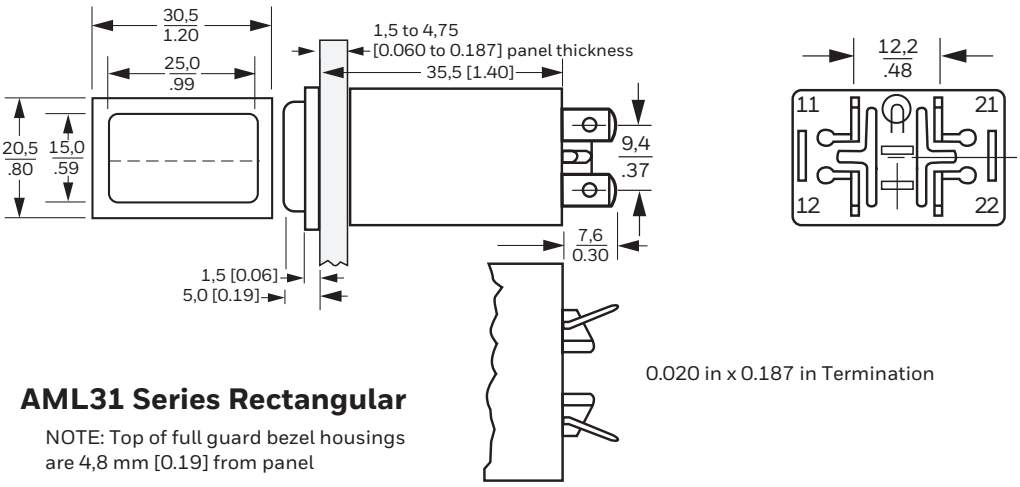
AML21 Series Rectangular



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)

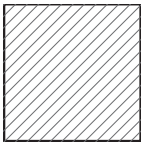
GOLD-PLATED SILVER

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

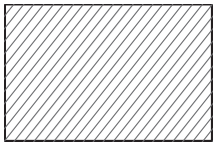
NOTE: Not all combinations of model codes are available.
Please contact your Honeywell provider/representative for assistance.

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

WITHOUT BARRIERS

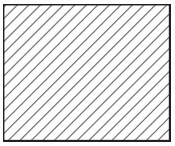


19,05 [0.750] Square

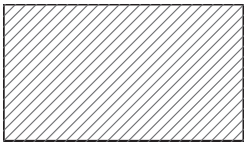


28,98 [1.141] x 19,05 [0.750]

WITH SHORT BARRIERS[1]

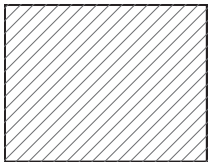


23,25 [0.915] x 19,05 [0.750]



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

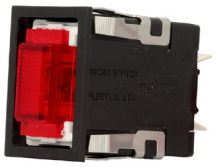
For incandescent lighted or unlighted pushbuttons and indicators with pushbutton style displays

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

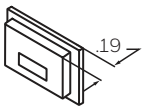
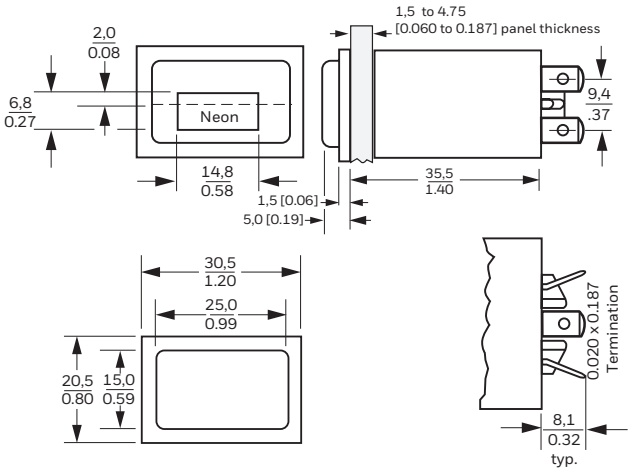
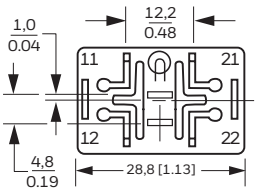
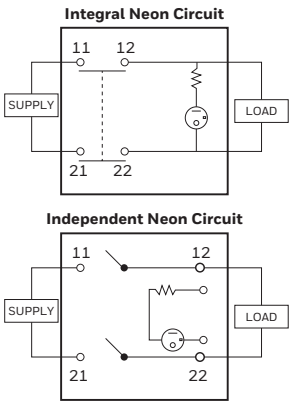
Button Color	**Catalog Listing** 
Red	AML52-N10R
Green	AML52-N10G
Blue	AML52-N10B
White	AML52-N10W
Black	AML52-N10K

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



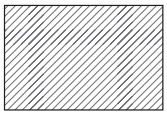
NOTE: Top of Full Guard Bezel Housings are 0.19 in from Panel





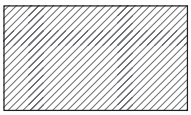
Panel Cutouts

WITHOUT BARRIERS



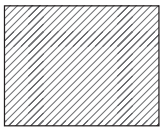
28,98 [1.141] x 19,05 [0.750]

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*

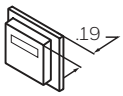
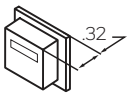
Table 16. AML22 Series Lighted Pushbuttons with Integral LED Catalog Listings

		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*

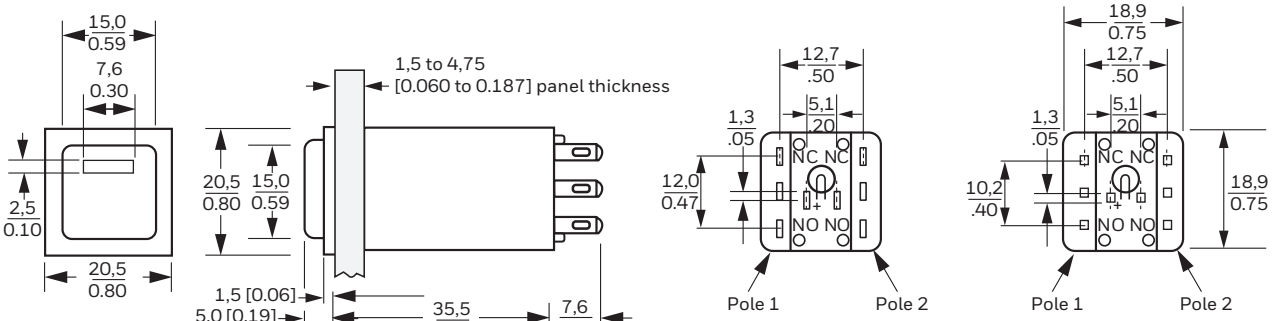
***Reference Table 48 for information*

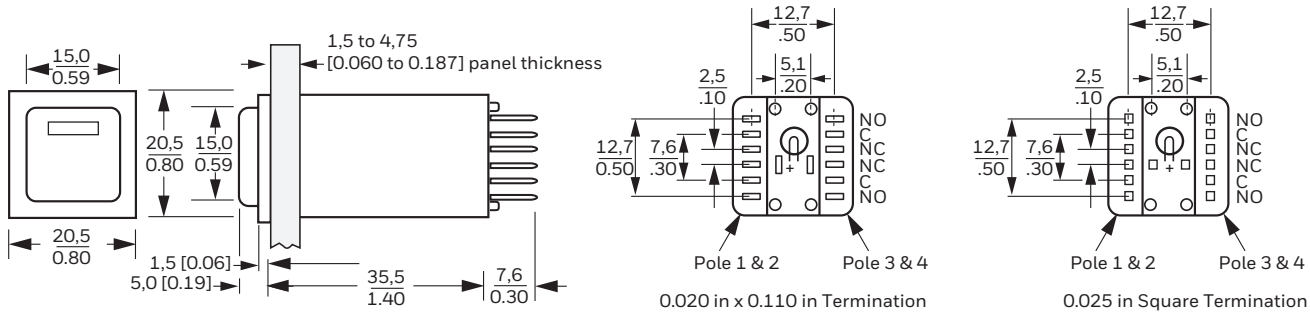
Table 17. AML52 Series Buttons without Legend for AML22 Series LED Pushbuttons**

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*

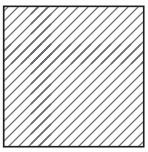
Figure 12. AML22 Series Dimensions, mm [in] or mm/in



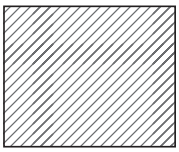


Panel Cutouts for Single Station, Front-of-Panel Mounting

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

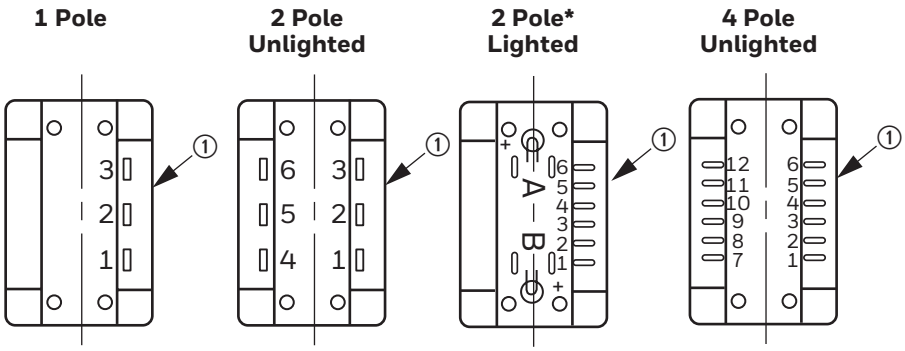
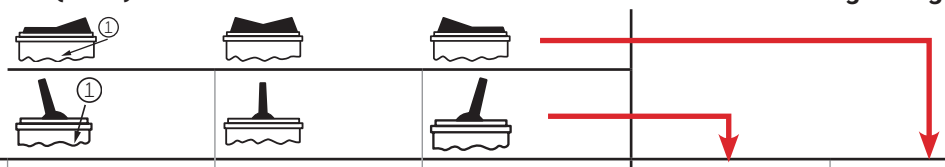


Table 19. Unlighted (3 Pos) AML23 Series Paddle and AML24 Series Rocker Switches Catalog Listings



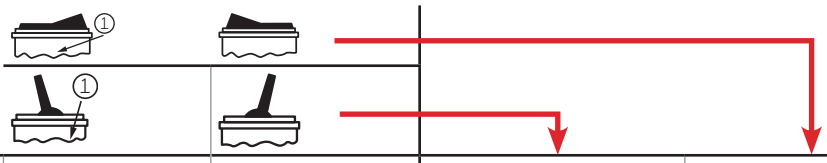
No. of Poles	Contact Material	Circuits Left Position	Circuits Center Position	Circuits Right Position	Paddle Switch Cat. Listings	Rocker Switch Cat. Listings
1PDT	Silver	1-2	OFF	2-3	AML23EBA2AA04	AML24EBA2AA04
	Gold	1-2	OFF	2-3	–	AML24EBA2BA04
	Silver	1-2 Mom.	OFF	2-3 Mom.	AML23EBA2AA05	AML24EBA2AA05
	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)

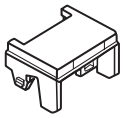
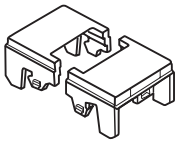


No. of Poles	Contact Material	Circuits Left Position	Circuits Right Position	Paddle Switch Cat. Listings	Rocker Switch Cat. Listings
1PST normally open(Form A)	Silver	11-12	OFF	AML33EBA4AA01	AML34EBA4AA01
2PST normally open(Form A)	Silver	11-12, 21-22	OFF	AML33EBA4AC01	AML34EBA4AC01

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

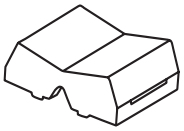
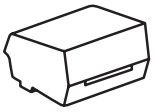
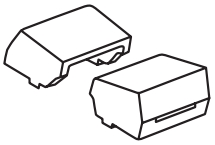
[1] All "power-duty" pushbutton, paddle, and rocker switches (AML30 Series) have 0.187 in x 0.020 in termination

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

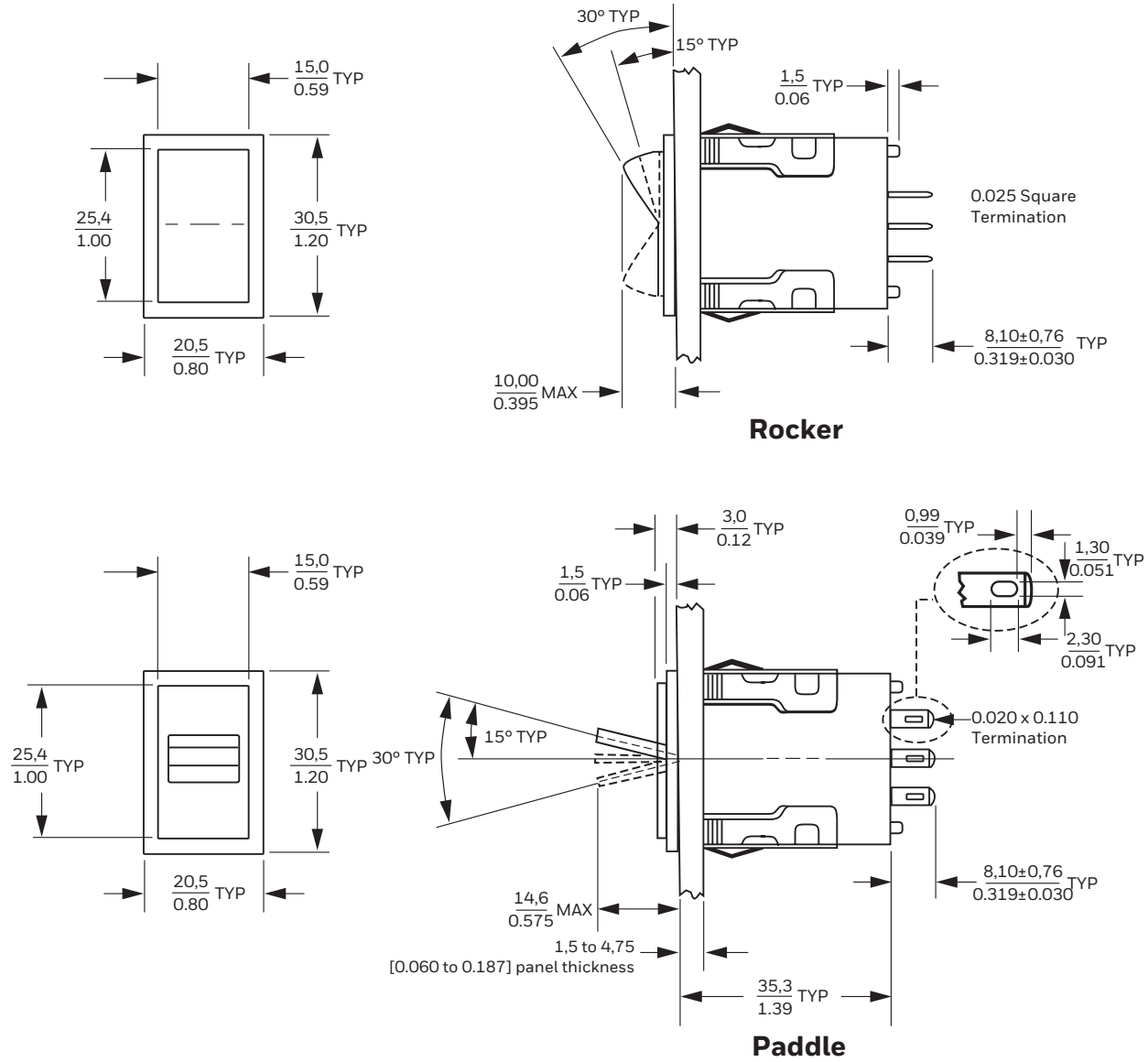
***For AML53 Series Paddle Switch Covers Style E or T from table above with Legends contact the local Honeywell source*

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

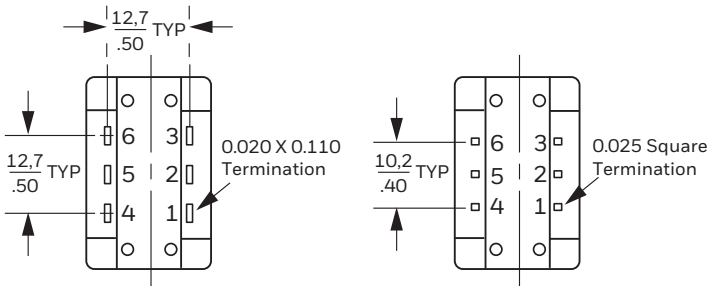
Cover Color	AML54-F Series (Full Rocker Button)	AML54-E Series (1/2 Rocker Button, 2 Required)	AML54-T Series (Two-Piece Button)
			
Red	AML54-F10R	AML54-E10R	AML54-T10RR
Yellow	AML54-F10Y	–	–
Green	AML54-F10G	AML54-E10G	AML54-T10GG
Blue	AML54-F10B	–	AML54-T10BB
White	AML54-F10W	AML54-E10W	–
Amber	AML54-F10A	–	–
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

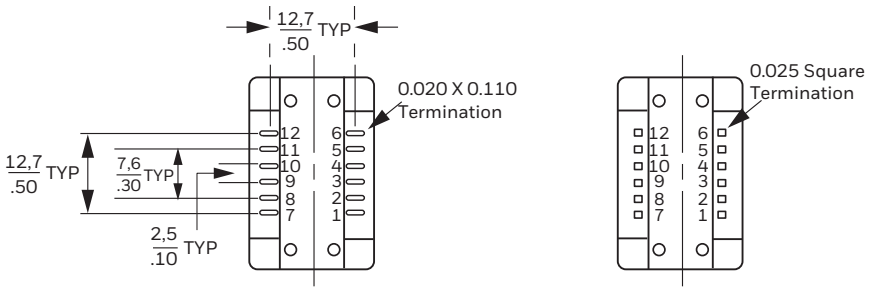
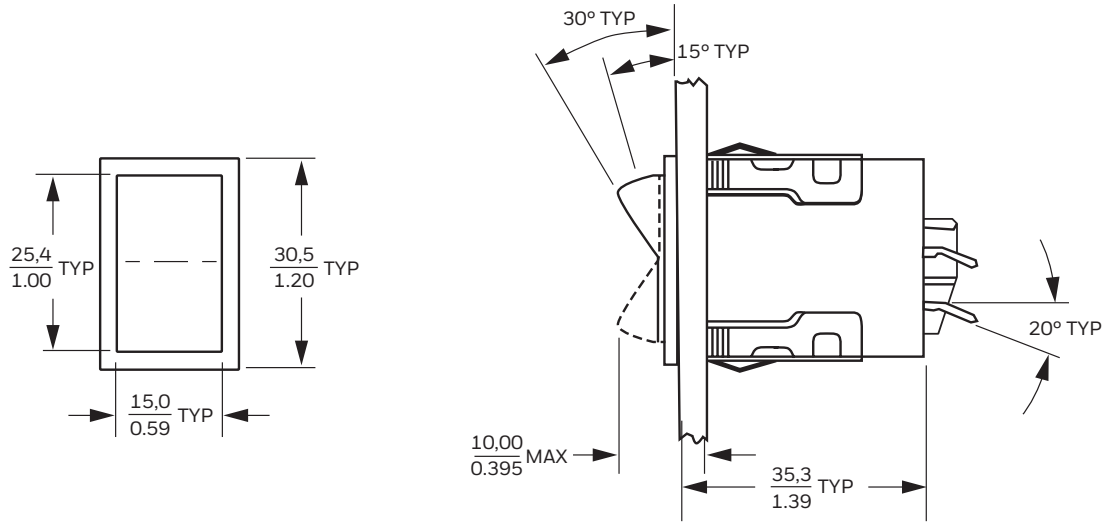
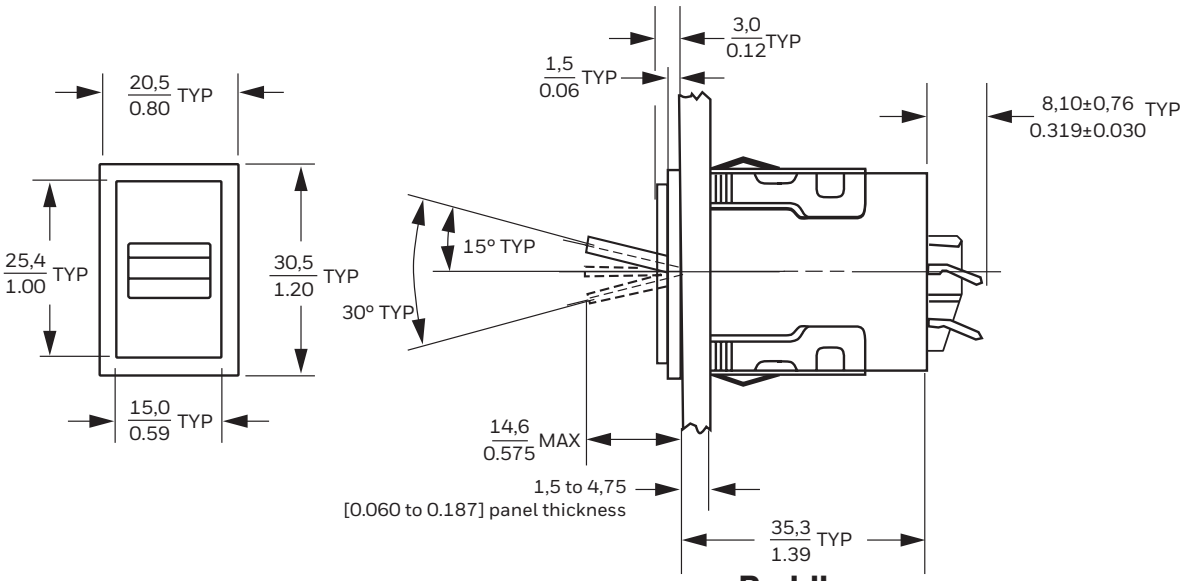


Figure 16. AML33 and AML34 Series Dimensions, mm[in] or mm/in

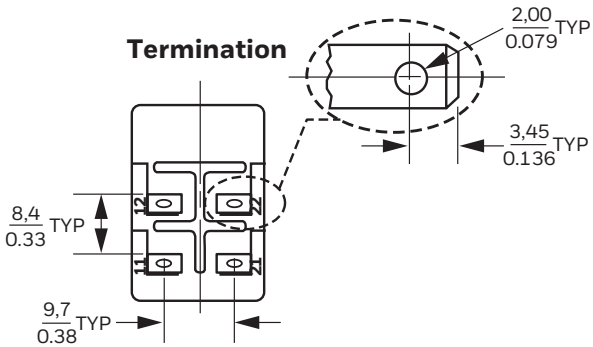


Rocker



Paddle

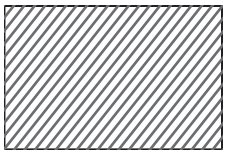
Termination



Unlighted

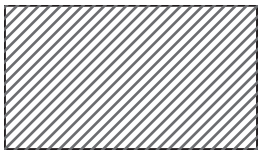
Panel Cutouts for AML20 and AML30 Series Paddles and Rockers

WITHOUT BARRIERS



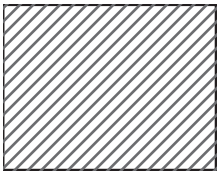
28,98 [1.141] x 19,05 [0.750]

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

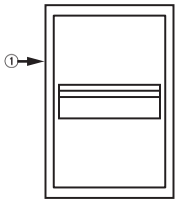
AML23E	B	A	2	AA	01
Housing Type: Paddle	Bezel Color	Incandescent Lamp Type	Terminal Type	Number of Poles and Contact Material	Operator Positions and Action[2]

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 Right: maintained
	02	Left: momentary Right: maintained
	03	Left: maintained Right: momentary
THREE POSITION	**04**	Left: maintained Center: maintained Right: maintained
	05	Left: momentary Center: maintained Right: momentary
	06	Left: maintained Center: maintained Right: momentary
	07	Left: momentary Center: maintained 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

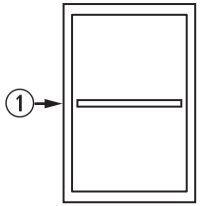
AML24E	B	A	2	AA	01
Housing Type: Rocker	Bezel Color	Incandescent Lamp Type	Terminal Type	Number of Poles and Contact Material	Operator Positions and Action[2]

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 Right: maintained
	02	Left: momentary Right: maintained
	03	Left: maintained Right: momentary
THREE POSITION	**04**	Left: maintained Center: maintained Right: maintained
	05	Left: momentary Center: maintained Right: momentary
	06	Left: maintained Center: maintained Right: momentary
	07	Left: momentary Center: maintained Right: maintained

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

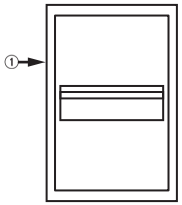
[2]Reference Table 18 or 19.

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 **AA** One SPSTNO (Form A) **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.



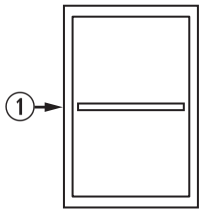
① The "MICRO SWITCH" identification is shown on this side of the switch housings

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 **AA** One SPSTNO (Form A) **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)

+

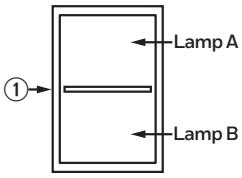
Button
(see Tables 25 & 26)

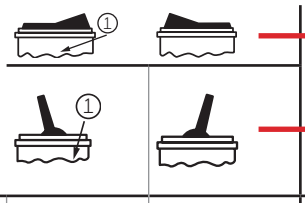
=

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)





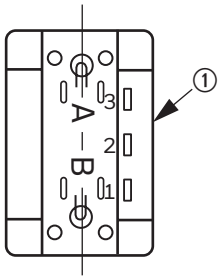
No. of Poles	Contact Material	Lamp "A"	Lamp "B"	Circuits Left Position	Circuits Right Position	Paddle Switch Cat. Listings	Rocker Switch Cat. Listings	Notes
1	Silver	No lamp provided	No lamp circuit	1-2	2-3	–	AML24FBA2AA01	One Lamp Circuit
1	Silver	14 V lamp (#73)	No lamp circuit	1-2	2-3	–	AML24FBC2AA01	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

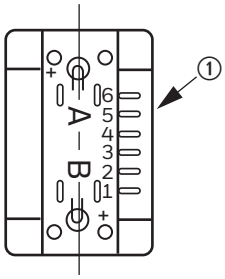
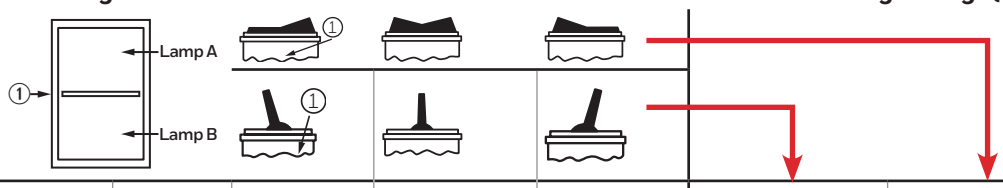


Table 24. Incandescent Lighted AML23 Series Paddle and AML24 Series Rocker Switches Catalog Listings (3 Position)

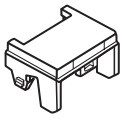
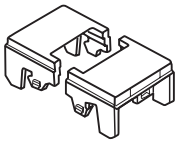


No. of Poles	Contact Material	Lamp "A"	Lamp "B"	Circuits Left Position	Circuits Center Position	Circuits Right Position	Paddle Switch Cat. Listings	Rocker Switch Cat. Listings	Notes
1	Silver	No lamp provided	No lamp circuit	1-2	OFF	2-3	–	AML24FBA2AA04	One Lamp Circuit
1	Silver	No lamp provided	No lamp 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*

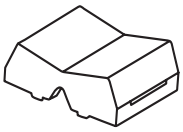
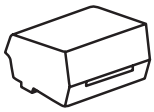
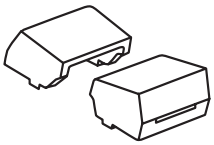
Note: All switch positions are maintained except where noted as Mom. (momentary)

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

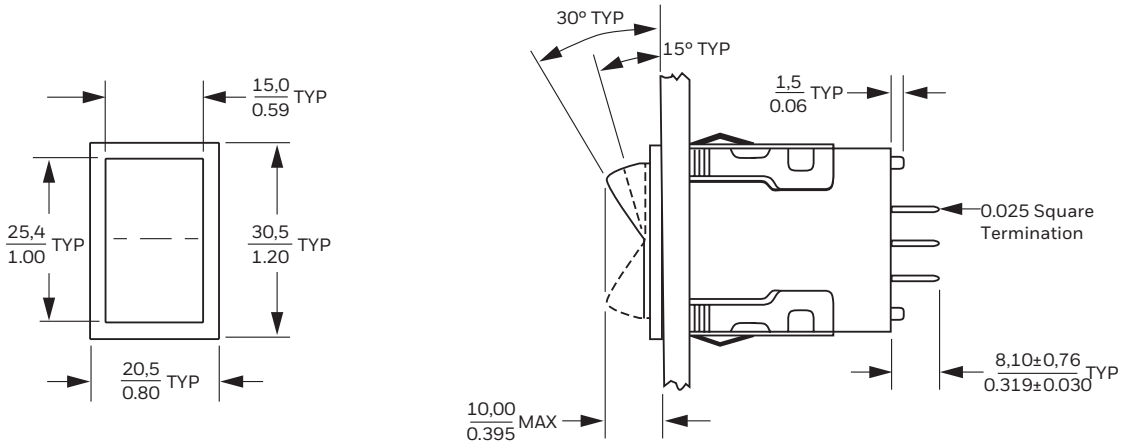
**For AML53 Series Paddle Switch Covers Style E or T from table above with Legends contact the local Honeywell source*

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

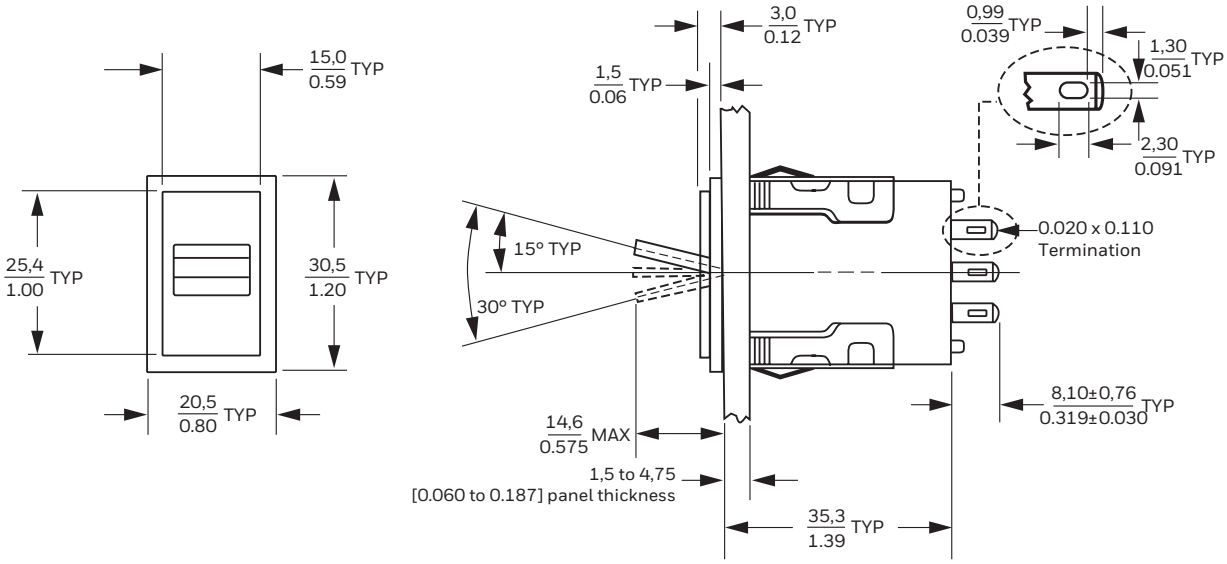
Cover Color	AML54-F Series (Full Rocker Button)	AML54-E Series (1/2 Rocker Button, 2 required)	AML54-T Series (Two-piece Button)
			
Red	AML54-F10R	AML54-E10R	AML54-T10RR
Yellow	AML54-F10Y	–	–
Green	AML54-F10G	AML54-E10G	AML54-T10GG
Blue	AML54-F10B	–	AML54-T10BB
White	AML54-F10W	AML54-E10W	–
Amber	AML54-F10A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

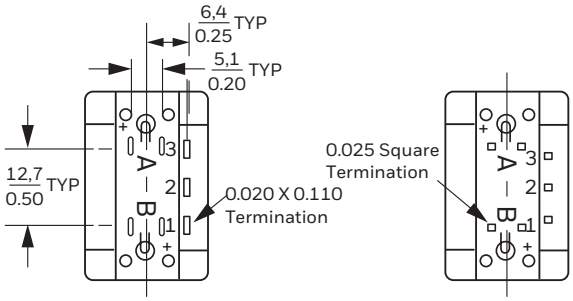


Rocker

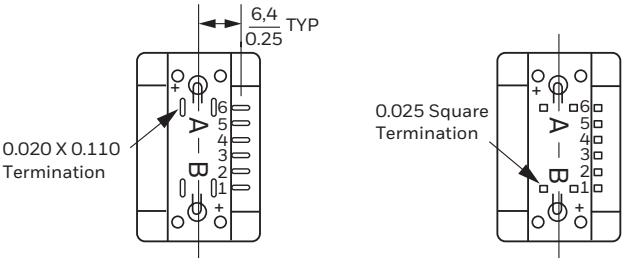


Paddle

ONE POLE

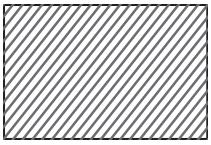


TWO POLE



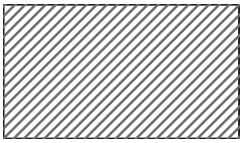
Panel Cutouts for AML20 and AML30 Series Paddles and Rockers

WITHOUT BARRIERS



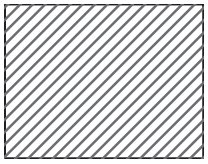
28,98 [1.141] x 19,05 [0.750]

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

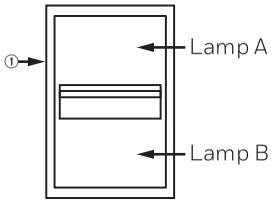
B	Black

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 Right: maintained
	02	Left: momentary Right: maintained
	03	Left: maintained Right: momentary
THREE POSITION	**04**	Left: maintained Center: maintained Right: maintained
	05	Left: momentary Center: maintained, Right: momentary
	06	Left: maintained Center: maintained, Right: momentary
	07	Left: momentary Center: maintained, 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

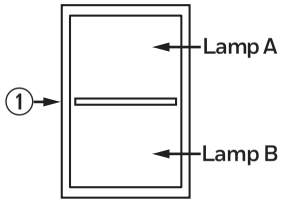
B	Black

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 Right: maintained
	02	Left: momentary Right: maintained
	03	Left: maintained Right: momentary
THREE POSITION	**04**	Left: maintained Center: maintained Right: maintained
	05	Left: momentary Center: maintained, Right: momentary
	06	Left: maintained Center: maintained, Right: momentary
	07	Left: momentary Center: maintained, 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)

+

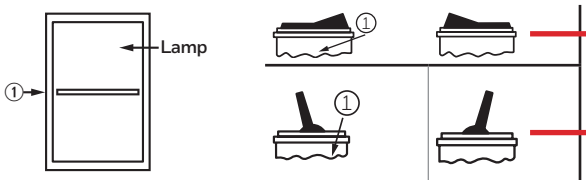
Button
(see Table 28)

=

Complete Unit

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

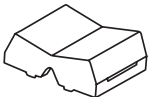
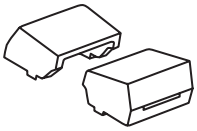
Table 27. Incandescent Lighted AML33 Series Paddle and AML34 Series Rocker Power-duty Lighted Switches Catalog Listings



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

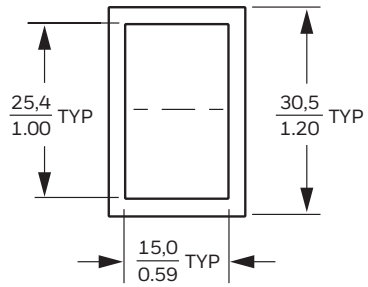
① *MICRO SWITCH identification on this side of switch housing*

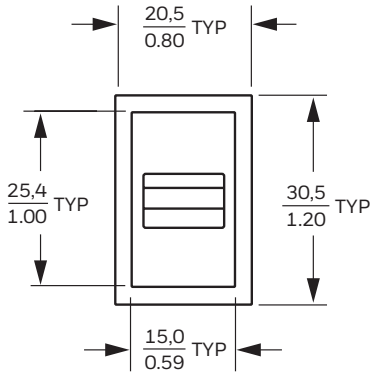
Table 28. AML54 Series Rocker Switch Buttons without Legends for AML24 & AML34 Series Lighted Rocker Switches**

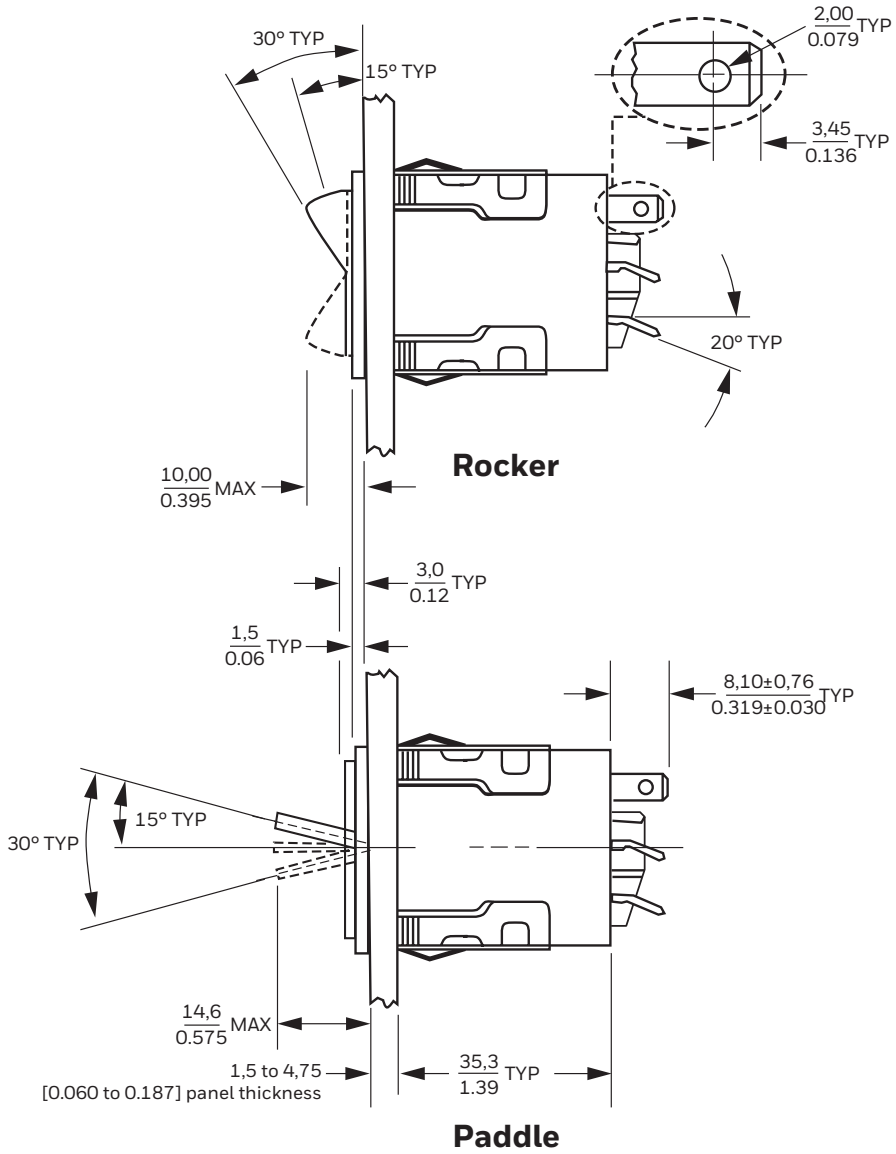
Cover Color	AML54-F Series (Full Rocker Button)	AML54-E Series (1/2 Rocker Button, 2 required)	AML54-T Series (Two-Piece Button)
			
Red	AML54-F10R	AML54-E10R	AML54-T10RR
Yellow	AML54-F10Y	–	–
Green	AML54-F10G	AML54-E10G	AML54-T10GG
Blue	AML54-F10B	–	AML54-T10BB
White	AML54-F10W	AML54-E10W	–
Amber	AML54-F10A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

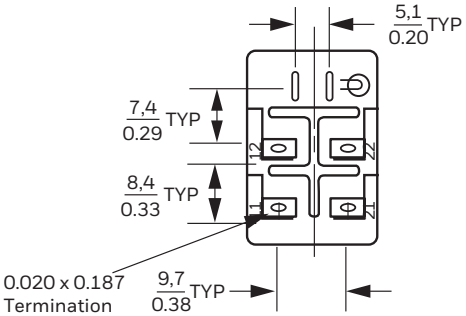
***For AML54 Series Rocker Switch Covers Style F, E or T from table above with Legends contact the local Honeywell source*

Figure 28. AML33 and AML34 Series Dimensions



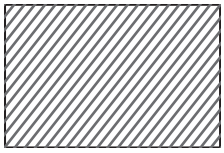






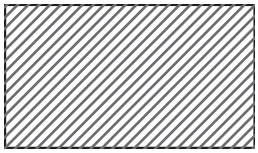
Panel Cutouts for AML20 and AML30 Series Paddles and Rockers

WITHOUT BARRIERS



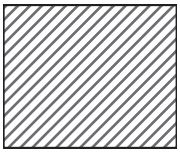
28,98 [1.141] x 19,05 [0.750]

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]

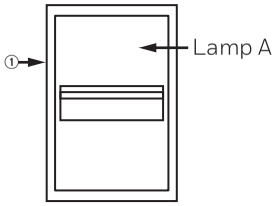
[1] Table 47 describes barrier options.
Barriers are designed to prevent inadvertent actuation

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.



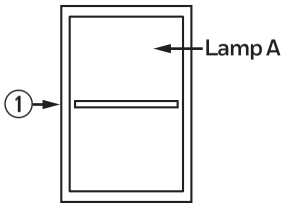
① The "MICRO SWITCH" identification is shown on this side of the switch housings

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)

+

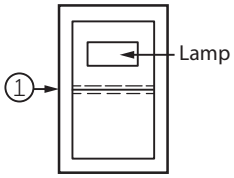
Button
(see Tables 30 & 31)

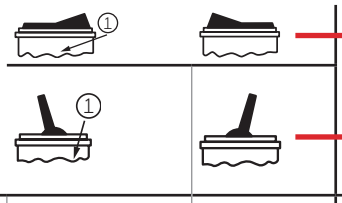
=

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

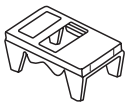
Lens Color	Cover Color	AML55-N Series Full Cover with Lens
		
Red	Red	AML55-N10RR
Red	Black	AML55-N10RK

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

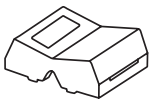
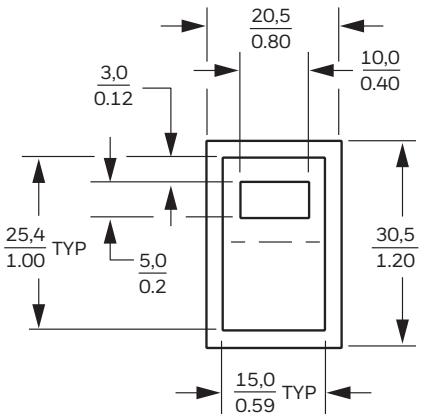
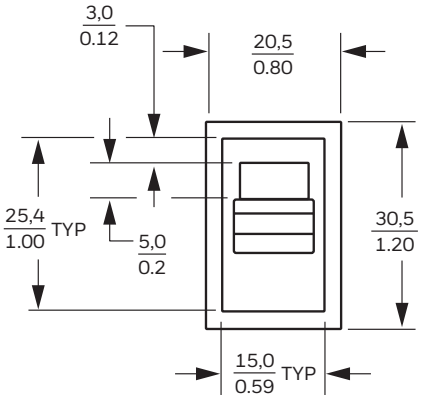
Lens Color	Button Color	AML56-N Series Full Button with Lens
		
Red	Red	AML56-N10RR
Red	Green	AML56-N10RG
Red	White	AML56-N10RW
Red	Black	AML56-N10RK
Clear	Red	AML56-N10TR
Clear	White	AML56-N10TW
Clear	Black	AML56-N10TK
Yellow	Black	AML56-N10YK

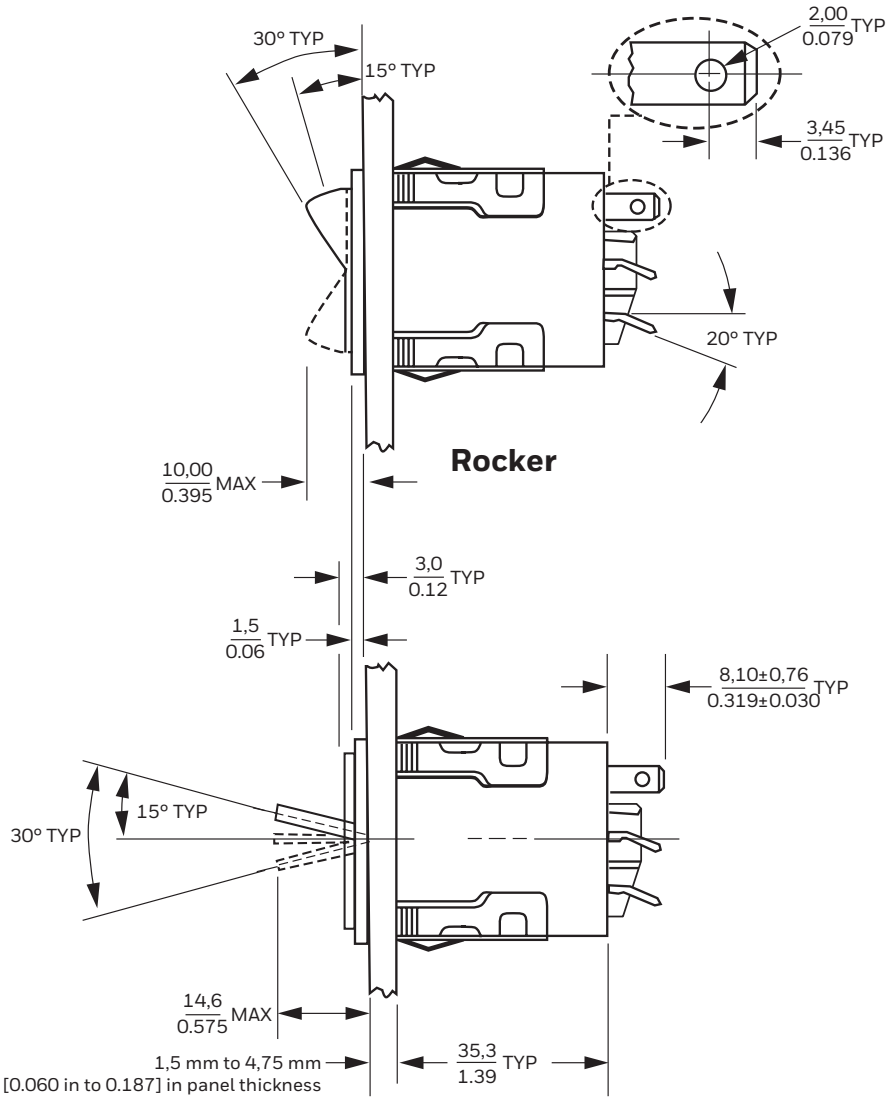
Figure 33. AML35 Paddle and AML36 Rocker Series Dimensions mm [in] or mm/in



Lighted Neon

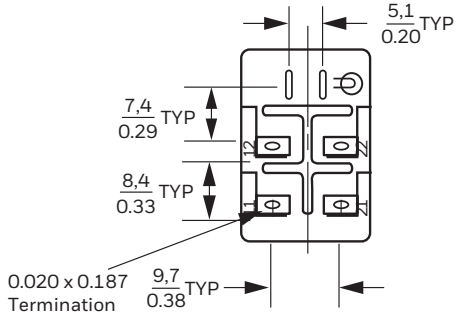


Lighted Neon



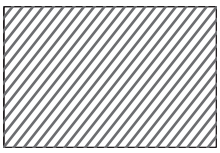
Rocker

Paddle



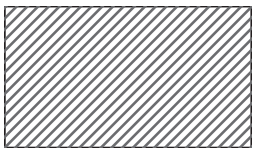
Panel Cutouts for AML20 and AML30 Series Paddles and Rockers

WITHOUT BARRIERS



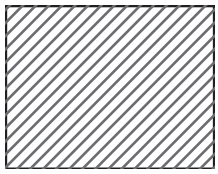
28,98 [1.141] x 19,05 [0.750]

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.

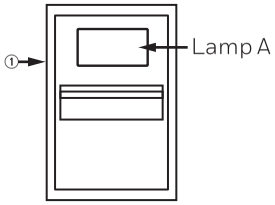
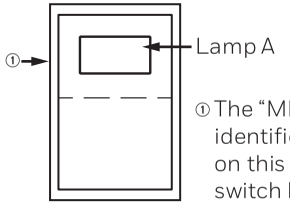


Figure 35. AML36 Series Nomenclature

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

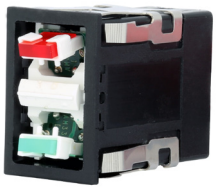
10	Transmitted color

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)

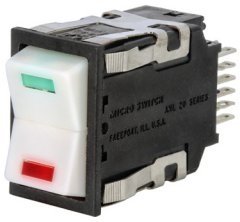


+

Button
(see Tables 35 & 36)

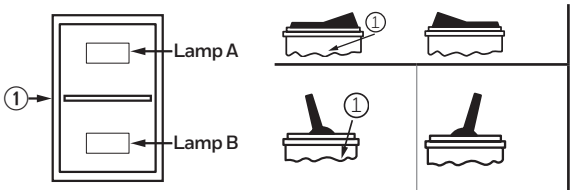
=

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)



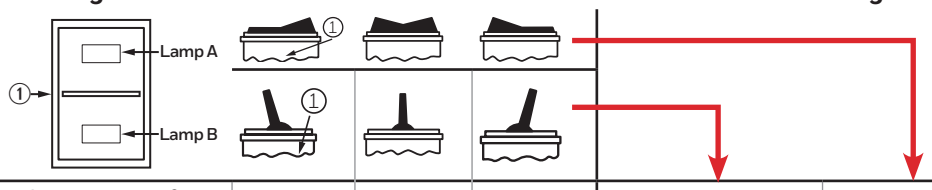
No. of Poles	Contact Material	Supply voltage for integral LED with color as noted		Circuits Left Position	Circuits Right Position	Paddle Switch Cat. Listings	Rocker Switch Cat. Listings	Notes
		Lamp "A"	Lamp "B"					
1	Silver	V*, Red	No lamp circuit	1-2	2-3	AML25FBB2AA01RX	–	One Lamp Circuit
1	Silver	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)



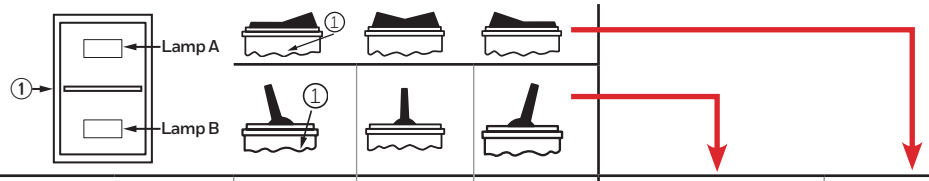
No. of Poles	Contact Material	Supply voltage for integral LED with color		Circuits Left Position	Circuits Center Position	Circuits Right Position	Paddle Switch Cat. Listings	Rocker Switch Cat. Listings	Notes
		Lamp "A"	Lamp "B"						
1	Silver	5 V, Green	5 V, Red	1-2	OFF	2-3	–	AML26GBC2AA04GR	Two Lamp 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

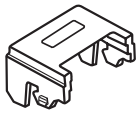
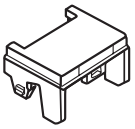
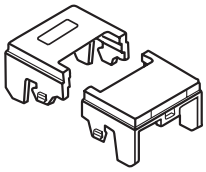
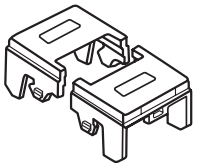
**The LED does not include an internal resistor. A suitable external resistor must be added to the LED circuit for a nominal current of 20 mA*

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

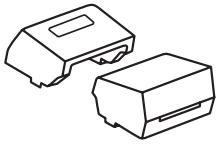
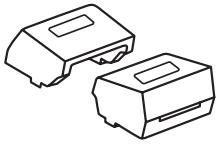
Note: AML26 Series Rocker Switches require AML56 Series Rocker Switch Buttons from table 36

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

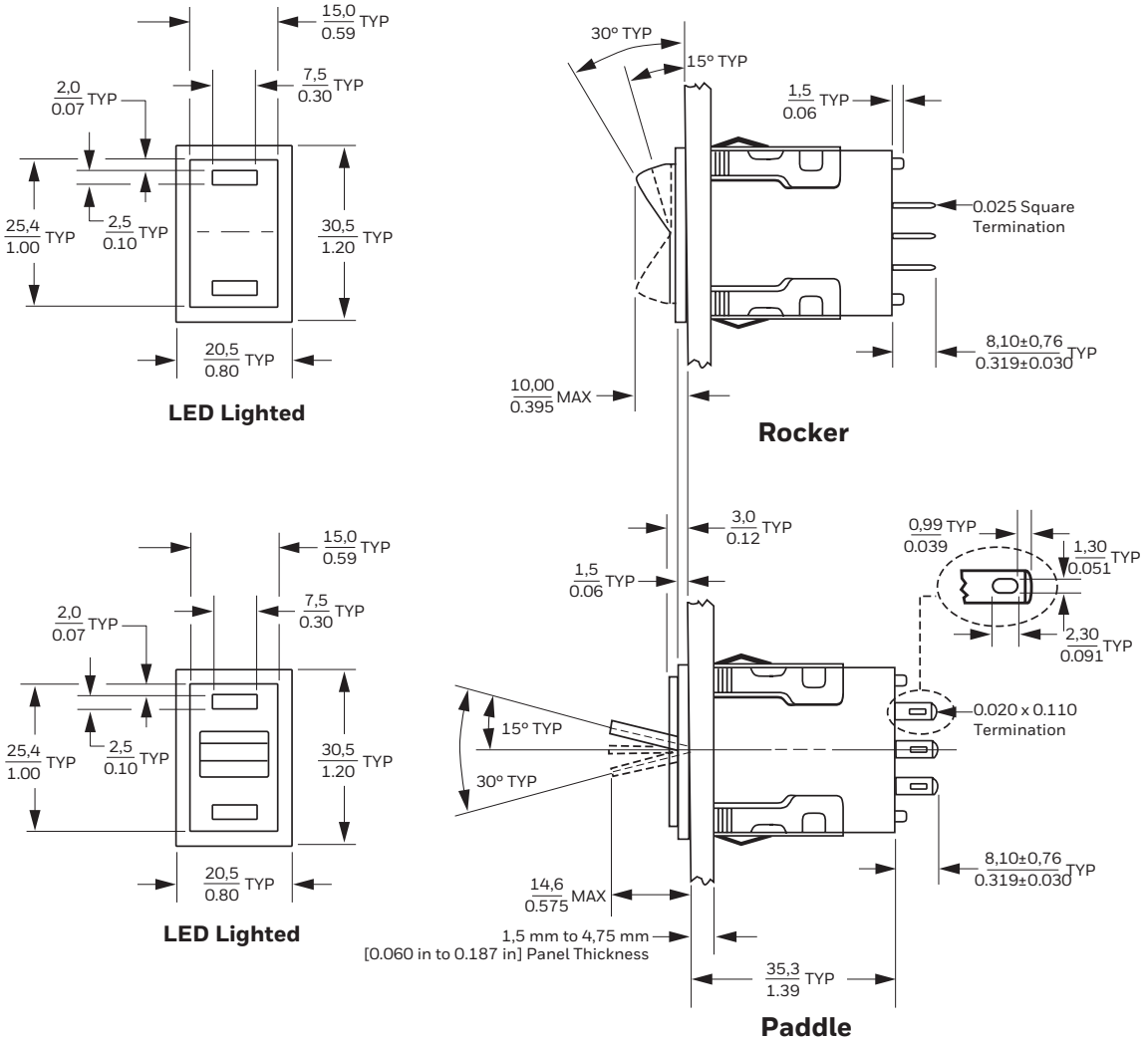
Table 36. AML56 Series Rocker Switch Buttons without Legends for AML26 Series Switches with LED Displays

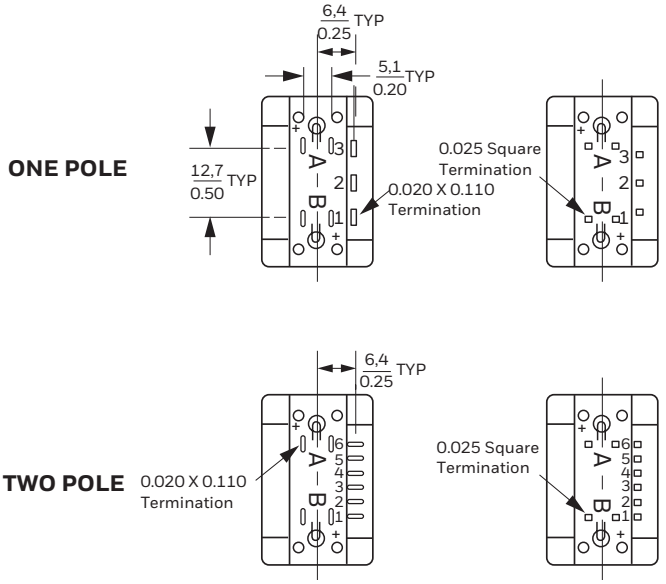
Cover Color	AML56-E Series (1/2 Button) for 1 LED	AML54-E Series (1/2 Button) without LED	AML56-T Series Two Piece Button (for one LED)**	AML56-H Series Two Piece Button (for two LEDs)
				
Red	AML56-E10R	AML54-E10R	AML56-T10RR	AML56-H10RR
Yellow	–	–	AML56-T10YY	–
Green	AML56-E10G	AML54-E10G	AML56-T10GG	–
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*

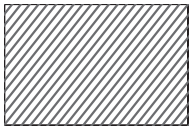
Figure 37. AML25 and AML26 Series Dimensions, mm [in] or mm/in





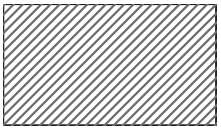
Panel Cutouts for AML20 and AML30 Series Paddles and Rockers

WITHOUT BARRIERS



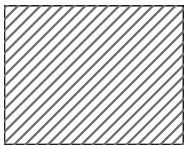
28,98 [1.141] x 19,05 [0.750]

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 Right: maintained
	02	Left: momentary Right: maintained
	03	Left: maintained Right: momentary
THREE POSITION	**04**	Left: maintained Center: maintained Right: maintained
	05	Left: momentary Center: maintained Right: momentary
	06	Left: maintained Center: maintained Right: momentary
	07	Left: momentary Center: maintained Right: maintained

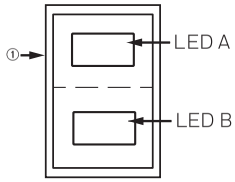
LED Color[2]

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 Right: maintained
	02	Left: momentary Right: maintained
	03	Left: maintained Right: momentary
THREE POSITION	**04**	Left: maintained Center: maintained Right: maintained
	05	Left: momentary Center: maintained Right: momentary
	06	Left: maintained Center: maintained Right: momentary
	07	Left: momentary Center: maintained 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)

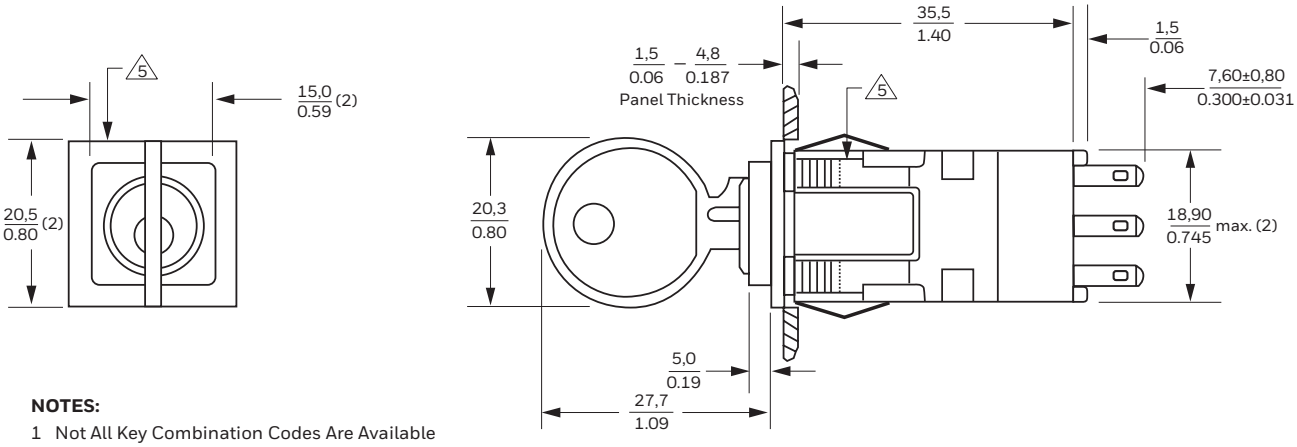
No. of Poles	Contact Material	Key Withdrawal Position/s	Key Code (3 digit number marked on key)	Circuits Left Position (CCW)	Circuits Center Position	Circuits Right Position (CW)	Catalog Listing
2PDT	Silver	Center	BB (109)	2-3, 4-5	2-3, 5-6	1-2. 4-5	AML27ABK2AC24BB
	Silver	Center & Right	BA (110)	2-3,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

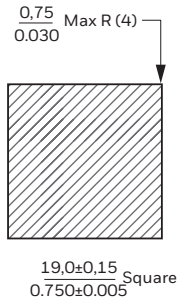
Figure 41. AML27 Series Dimensions, mm [in] or mm/in



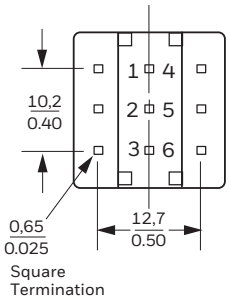
NOTES:

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



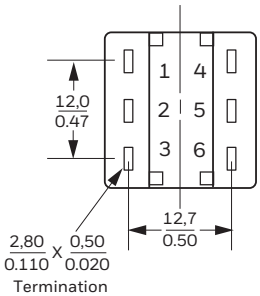
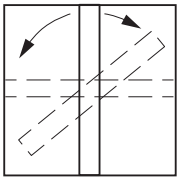
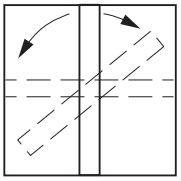


Figure 42. AML27 Series Operating Action

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



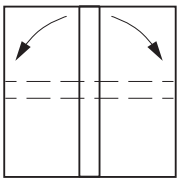
"30"
3 Position, CW-MOM 60°
90° Maint. CCW
Key Out In Center
and CCW Positions



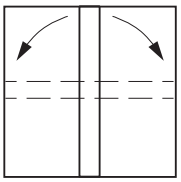
"31"
3 Position, CW-MOM 60°
90° Maint. CCW
Key Out In
CCW Position

Two Position Units

	Released Position	Operated Position
1 Pole	Circle 1-2 Open Circle 2-3 Closed	Circle 1-2 Closed Circle 2-3 Open
2 Pole	Circle 1-2, 4-5 Open Circle 2-3, 5-6 Closed	Circle 1-2, 4-5 Closed Circle 2-3, 5-6 Open



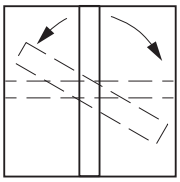
"28"
3 Position, Maint.
90° CW, 90° CCW
Key Out In Center
and CW Positions



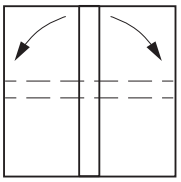
"29"
3 Position, Maint.
90° CW, 90° CCW
Key Out In Center
and CCW Positions

Three Position Units

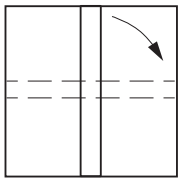
	CCW	Center	CW
2 Pole	Circle 1-2, 5-6 Open Circle 2-3, 4-5 Closed	Circle 1-2, 4-5 Open Circle 2-3, 5-6 Closed	Circle 1-2, 4-5 Closed Circle 2-3, 5-6 Open



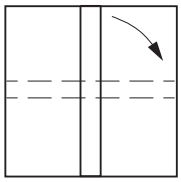
"27"
3 Position, CCW-MOM 60°
90° Maint. CW
Key Out In Center
and CCW Positions



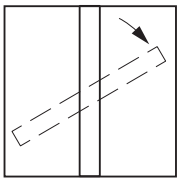
"26"
3 Position Maint.
90° CW, 90° CCW
Key Out All
3 Positions



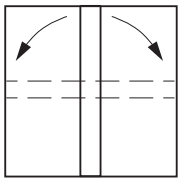
"21"
2 Position Maint.
90° CW



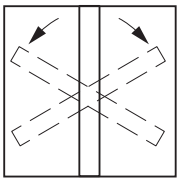
"22"
2 Position Maint.
90° CW, Key Out In
Both Positions



"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

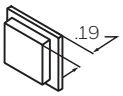
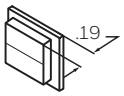
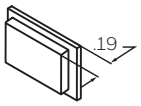
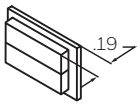
AML41J Series indicator, select AML51-J style lens per Table 41
AML41K Series indicator, select AML51-K style lens per Table 41
AML41L Series indicator, select AML51-L style lens per Table 41

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

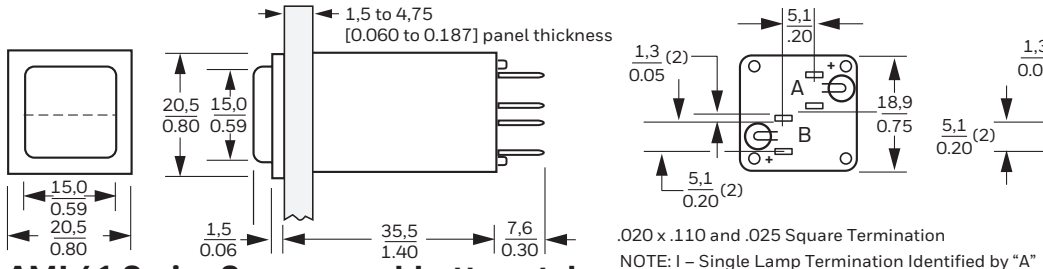
Table 42. AML51 Series Buttons without Legends, for use with AML41C, AML41D, AML41F or AML41G Series Indicators**

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

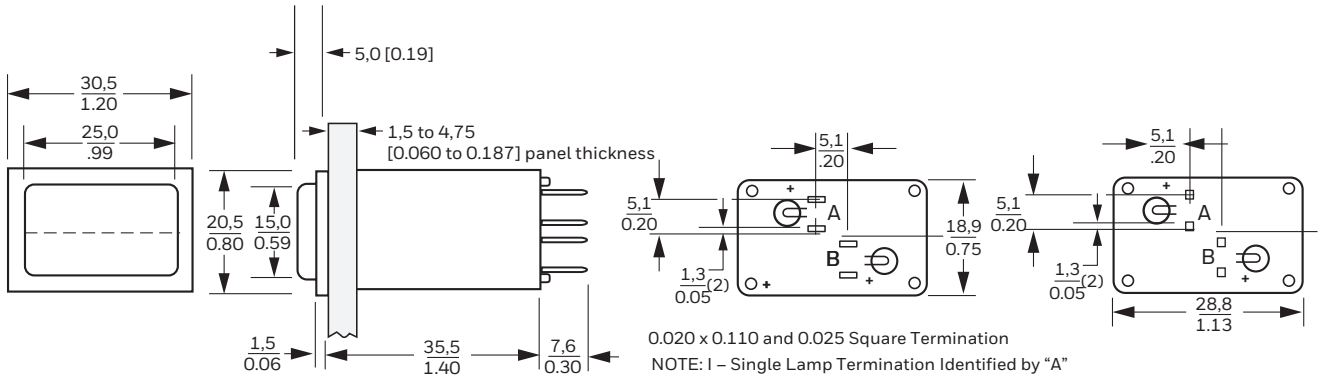
**When projected color is white, white cap is furnished with clear insert*

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

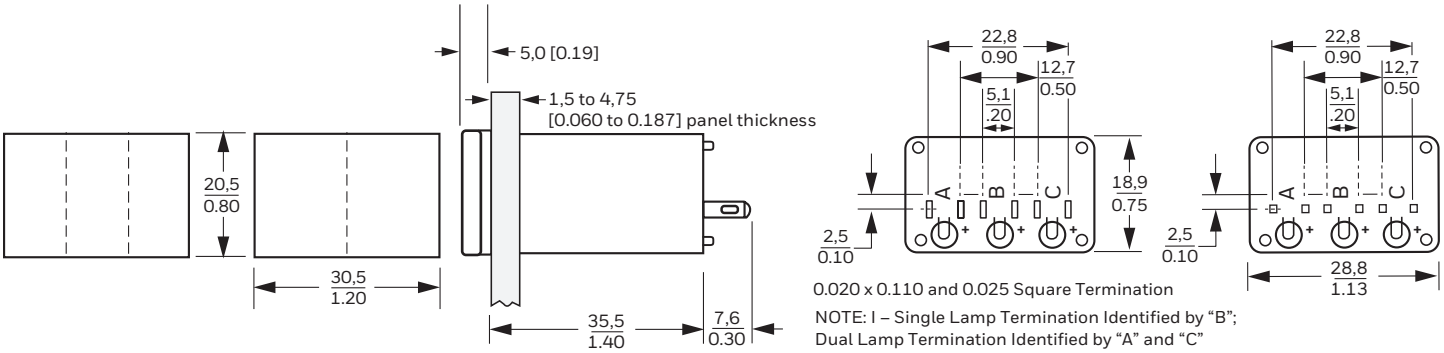
Figure 44. AML41 Series Dimensions, mm [in] or mm/in



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

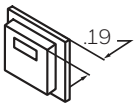
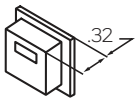
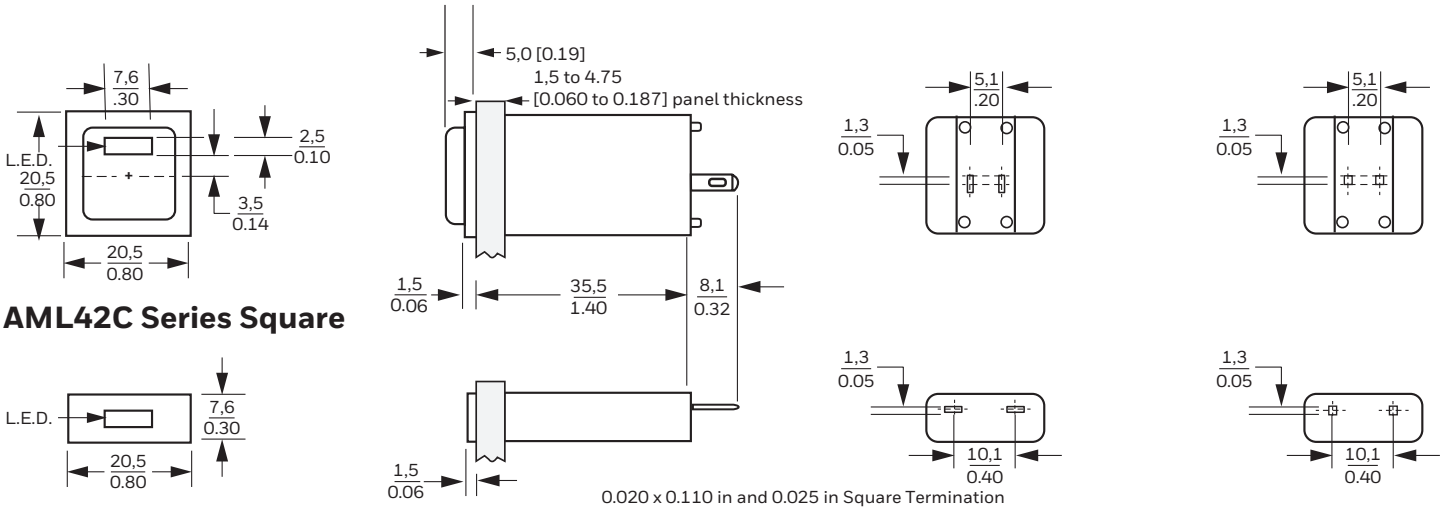
Button Color	AML52-C Series (Standard)	AML52-A Series (Optional)
One piece button		
Red	AML52-C10R	AML52-A10R
Yellow	AML52-C10Y	AML52-A10Y
Green	AML52-C10G	AML52-A10G
Blue	AML52-C10B	AML52-A10B
White	AML52-C10W	AML52-A10W
Black	AML52-C10K	AML52-A10K
Gray	AML52-C10L	-

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

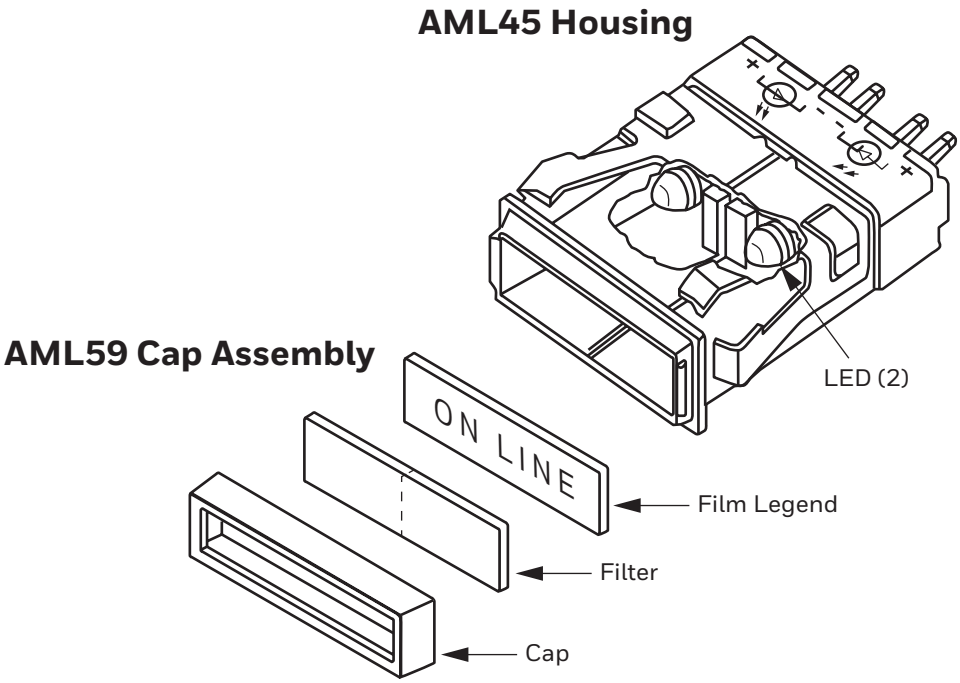
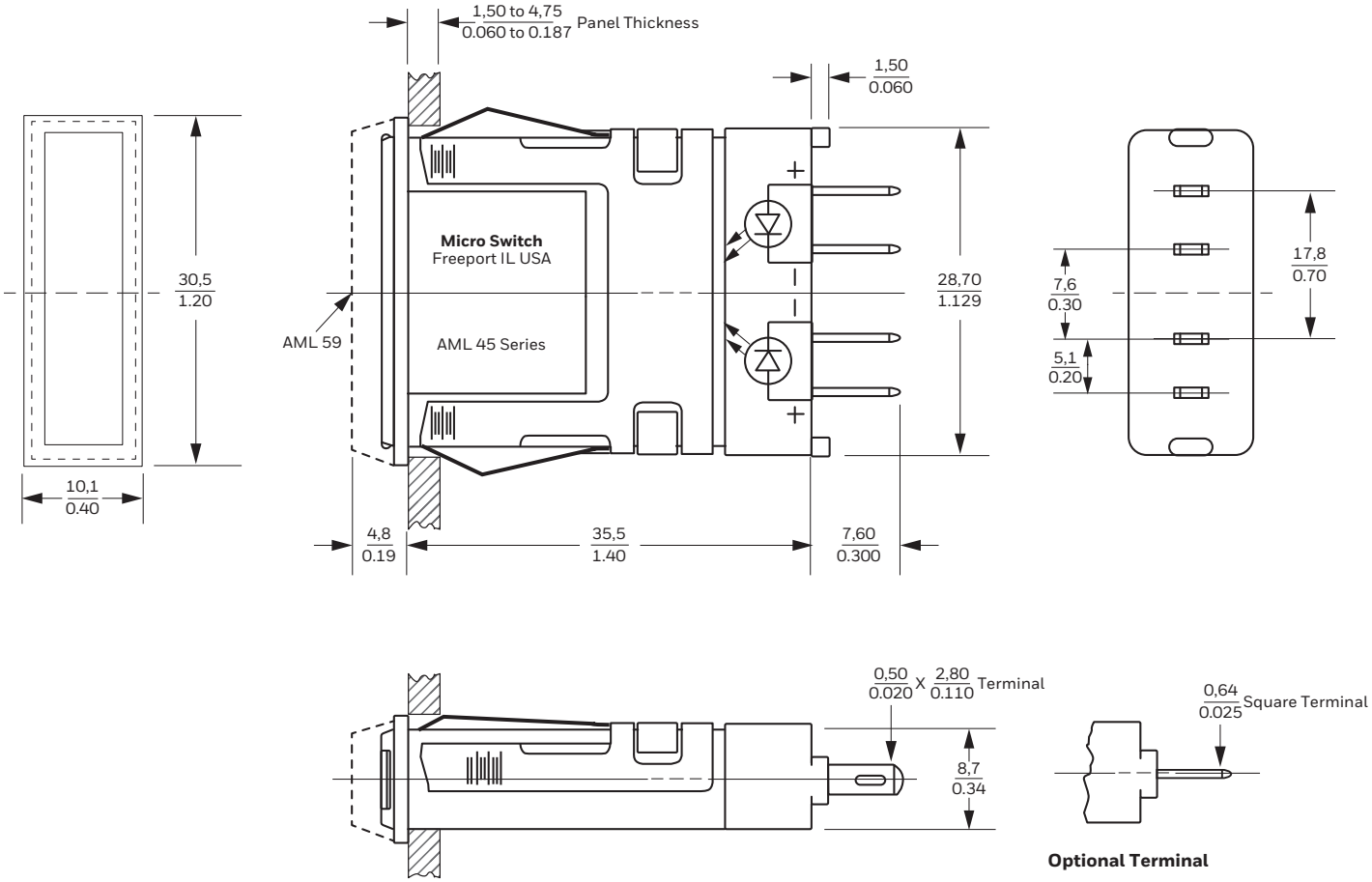
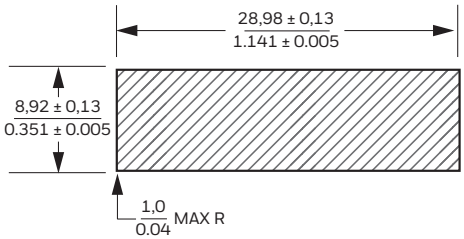


Figure 51. AML45 Series Annunciators Dimensional Drawing, mm [in] or mm/in



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

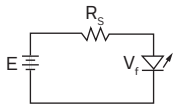
Operating Temperature Range: -20 ºC to 60 ºC [-4 ºF to 140 ºF]
Storage Temperature Range: -30 ºC to 100 ºC [-22 ºF to 212 ºF]

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.

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International	+815 618 3231
USA/Canada	+302 613 4491

Honeywell
Sensing and Internet of Things
9680 Old Bailes Road
Fort Mill, SC 29707
www. honeywell.com

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