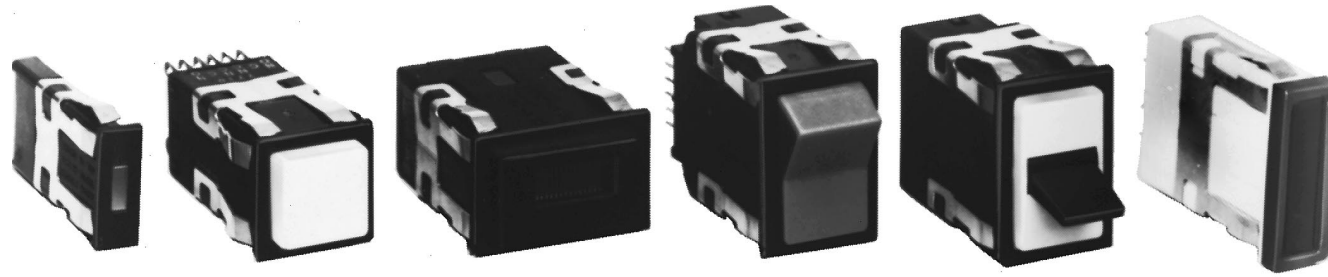


# Manual Switches

## Advanced Manual Line



### IN FRONT OF THE PANEL

**Coordinated, attractive appearance.** AML features innovations designed by industrial designers to achieve the best balance of human factors and aesthetic appearance. Operator height, bezel size, and the compatibility of square and rectangular shapes blend with other components to harmonize your panel. There's no visual clutter to distract from man/machine communication.

This comprehensive line of lighted and unlighted manual controls features:

- Pushbuttons for high and intermediate frequency functions;
- Rocker and paddle switches, with 2 or 3 positions, for less frequent control functions;
- Plus lighted indicators and annunciators which complement AML's universal appeal.

Various controls can be matched with their functions to accommodate the most natural and efficient habit pattern reflex. Keylock operated switches can be used to assure "authorized personnel only" access.

**Display flexibility.** AML offers a choice of five legend sizes, four button heights, full or split section display, and illumination by incandescent lamps, LED's or neons. Colors are bright and uniform, providing a strong definition and good visibility. (Non-illuminated devices have the same attractive colors.)

Color display options include:

- Transmitted color — color can be distinguished whether lamp is On or Off.
- Dead front — display appears black, until illumination causes legend and color to appear.
- Projected color — white display is diffused with color when illuminated.

### BEHIND THE PANEL

AML's simple, cost effective design provides many behind-panel benefits for the designer and installer/user.

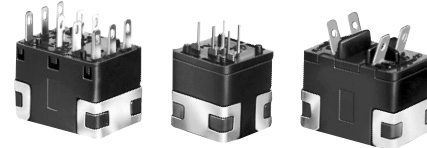
**Simple to install.** They snap in from the panel front individually or in vertical or horizontal strips; or in subpanel mounted strips and matrices that can be pre-assembled and pre-wired to assure accurate alignment and efficient panel building.

**Electrical flexibility.** Solid state switches with Hall effect integrated circuits interface directly with microprocessors and other logic level devices. These IC's were first applied in MICRO SWITCH solid state keyboards. Today, many MICRO SWITCH products incorporate the Hall effect technology to meet a wide range of position sensing and manual control needs.

Electronic control switches with gold or silver contacts, and 1, 2, or 4 poles, will handle up to 3 amps. Including an encoded version which generates different binary coded outputs merely by changing cam-keyed buttons.

Power duty switches meet line disconnect application needs with 10-amp push-buttons and 15-amp paddle and rocker switches.

**Easy to wire.** All AML devices present single level termination. This means faster, easier, neater, and more economical wiring. And there is a choice of solder, quick-connect, push-on, and printed circuit termination.



### MATING RECEPTACLES

The .110 x .020 quick-connect/solder terminal (types 2 and 8) is designed for use with receptacles that comply with the UL standard for insertion and withdrawal forces. Maximum insertion force is 12 lbs. max., withdrawal force is 14 lbs. These receptacles are supplied by: AMP Inc., Berg, Augat, Hollingsworth, MALCO, Zierick, and others. Refer to Thomas Register or the Yellow Pages for the location of your local supplier.

Manuals

# Manual Switches

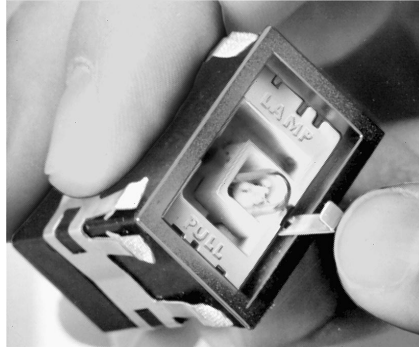
## Advanced Manual Line

### FEATURES

- Complete selection of pushbutton, rocker and paddle (toggle type) switches accommodates different functions and promotes operator efficiency.
- Solid state, electronic, and power duty control.
- Full or split screen incandescent display switches and indicators provide vivid transmitted color, projected color (for neutral display when unlit), and dead front (hidden color).
- Wide-angle visibility LED and line voltage neon display switches and indicators.
- Annunciators back-lighted by LED's enable high density message display.
- Keylock switches available for controlled access applications.
- All AML terminations at the same shallow depth (1.7 in. /43,1 mm) for convenient wiring or PC board termination.
- Snap-in surface mount or sub-panel (hidden bezel) mount with mounting hardware.
- Pad printed legends with a clear polyurethane overcoat available in a choice of five standard sizes.
- Metric design for worldwide acceptance.
- UL recognized, CSA certification.
- Selected listings are certified by VDE and CE. (For compliance status, contact the 800 number.)

MICRO SWITCH AML Advanced Manual Line combines functional flexibility with electrical versatility to provide a broad range of options to choose from.

### EASY TO RELAMP



Relamping of T-1-3/4 incandescent AML91 lamps is accomplished from the front of the panel without tools. (AML92 T-1-3/4 LEDs can be added in the same manner.)

### FULL GUARD BEZEL OPTION



As an alternative to standard height bezels (.06 in./1,5 mm), pushbutton switches can be furnished with full guard bezels extending .19 in./5.0 mm from the mounting surface. In the free position, standard buttons are flush with full guard bezels.

The raised bezel guards against accidental operation by someone leaning against or dropping something on a control console.

### High Intensity LEDs For Full-face AML Lighted Display AML92 Series



- Full-face illumination for high visibility lighted colors.
- Advanced illumination technology combines high-intensity LED in standard T-1-3/4 wedge base lamp package.
- Easy plug-in installation in AML lighted switches and indicators.
- Low operating temperature permits high density, continuous operation with minimal heat build-up.

AML92 Series LEDs have a quad chip assembled in a T-1-3/4 wedge base lamp package. They provide full-face illumination when used with lighted pushbutton, rocker and paddle switches, or indicators equipped with incandescent lamp sockets. For ordering information, refer to page 58.

### AML CHARACTERISTICS

	AML 10 Series	AML 20 Series	AML 30 Series	AML 40 Series
<b>Electrical/Mechanical Life*</b> Pushbuttons–Momentary	1,000,000	25,000 (silver)/ 100,000 (gold)	25,000	N/A ---
Pushbuttons–Alternate	25,000	25,000	25,000	---
Rockers	25,000	25,000	25,000	---
Paddles	25,000	25,000	25,000	---
<b>Agency Ratings</b> (May not apply to every series division)				
UL	File E53576	File E12252	File E12252	File E58932
CSA	File LR4442	File LR4442	File LR4442	File LR4442
VDE	None	File 0630/10.78+ Rating 1710	File 0630/10.78+ + Rating 1710	None
CE		No. 4275.5788	No. 4275.5788	

\*95% Survival  
 + Exception: Four-Pole AML's are not included in VDE Approval  
 ++ Exception: Only the 2-pole AML33 and AML34 are certified by VDE

### AML ELECTRICAL DATA

#### ● AML10 Series

Electrical Characteristics						Absolute Maximum Rating ④			
Integrated Circuit Function	Supply Current (Max.)	Output Voltage (Operated)	Output Leakage Current max. (Released)	Switching Time Max.		Supply Voltage (V <sub>s</sub> )	Voltage Externally Applied to Output	Loads to Output	Storage Temperature
				Rise 10% to 90%	Fall 90% to 10%				
5 VDC Sinking ①	3.5 mA (Released) 6.5mA (Operated — no load)	+ .4 Volt (Sinking 8 mA)	2.0 μA	1.0 μsec (Sinking 8 mA)	1.0 μsec (Sinking 8 mA)	-.5 to +7.0 VDC 0° to +65°C (+32° to +149°F)	-.5 Volt min. +15 Volts max. (Off condition)	20 mA (Sinking)	-40°C to +65°C (-40° to +149°F)
6-16 VDC Sinking ②	6.5 mA @ 6 VDC. 10.0 mA @ 16 VDC (Plus load current) ③	+ .4 Volt (Sinking 20mA max.)	20 μA	1.5 μsec (Sinking 20 mA)	0.5 μsec (Sinking 20 mA)	-1.2 to +20 VDC	+20 VDC max. in Off condition only -0.5 VDC min. in Off or On condition.	40 mA	-40°C to +65°C (-40° to +149°F)
4.5-24 VDC Sinking	5 V 7.0 mA (Released) 24 V 9.0 mA (Released) 14.0 mA (Operated-no load)	+ .4 Volt (Sinking 10 mA)	10 μA	1.5 μ sec (Sinking 10 mA)	0.5 μ sec (Sinking 10 mA)	-30 to +30 VDC	-0.5 Volt min. +24 Volts max. (Off condition)	20 mA (Sinking)	-40-C to +65°C (-40° to +149°F)

① Over temperature range of 0° to +55°C (+32° to +131°F) and supply voltage of 4.5 to 5.5 VDC.  
 ② Over temperature range of 0° to +55°C (+32° to +131°F) and supply voltage of 16 VDC.  
 ③ At 24°C. (+75°F)  
 ④ As with all solid state components, performance can be expected to deteriorate as rating limits are approached; however, they will not be damaged unless the limits are exceeded.

#### ● AML20 Series

Contacts	Voltage	Current	Load Type
Silver or Gold-plated Silver	250 VAC 125 VAC 24 VDC	2 Amps 3 Amps 2 Amps	75% Power Factor 75% Power Factor Resistive
Gold	125 VAC/DC	100 mA	Resistive

#### ● AML30 Series

Voltage	Current		Load Type
	Pushbuttons	Rockers or Paddles	
125 VAC	10 amps	15 amps	60% power factor
250 VAC	10 amps	15 amps	60% power factor

Manuals

# Honeywell Sensing and Control AML/MML Selection Guide

## AML11 Solid state pushbutton switches

### AML11 INCANDESCENT OR NON-LIGHTED DISPLAY ORDER GUIDE

<b>AML11B</b>		<b>B</b>	<b>A</b>	<b>2</b>	<b>EA</b>		
<b>Housing Type</b>		<b>Bezel Color</b>	<b>Incandescent Lamp Type</b>	<b>Terminal Type</b>	<b>Circuitry Codes</b>		
<b>Standard Bezel</b> <b>AML11B</b> Square non-lighted <b>AML11C</b> Square 1 lamp ckt. <b>AML11E</b> Rect. non-lighted <b>AML11F</b> Rect. 1 lamp ckt. <b>AML11G</b> Rect. 2 lamp ckts.  <b>Full Guard Bezel</b> <b>AML11H</b> Square non-lighted <b>AML11J</b> Square 1 lamp ckt. <b>AML11K</b> Rect. non-lighted <b>AML11L</b> Rect. 1 lamp ckt. <b>AML11M</b> Rect. 2 lamp ckts.		<b>B</b> Black	<b>A</b> No lamp installed  <b>E</b> 28 V lamp	<b>2</b> .110 x .020 (solder or quick-connect)  <b>3</b> .025 x .025 (printed, circuit or push-on)	4.5-24 VDC Sinking	<b>EA</b> Momentary	<b>EE</b> Alternate

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

Example: **AML11BBA2EA**  
 Square, pushbutton switch housing, non-lighted; black bezel; .110 x .020 termination; momentary action; current-sinking output for use with 5-volt supply.

## AML12 Solid state pushbutton switches

### AML12 LED DISPLAY ORDER GUIDE

<b>AML12C</b>		<b>B</b>	<b>B</b>	<b>2</b>	<b>EA</b>		
<b>Housing Type</b>		<b>Bezel Color</b>	<b>LED Color/ Voltage</b>	<b>Terminal Type/ Diode Protection</b>	<b>Circuitry Codes</b>		
<b>Standard Bezel</b> <b>AML12C</b> Square 1 LED  <b>Full Guard Bezel</b> <b>AML12J</b> Square 1 LED		<b>B</b> Black	<b>Red</b> <b>B</b> 5V <b>C</b> 5V  <b>Yellow</b> <b>J</b> 5V <b>M</b> 24V  <b>Green</b> <b>S</b> 5V <b>X</b> 24V	<b>2</b> .110 x .020 (solder or quick-connect)  <b>3</b> .025 x .025 (printed, circuit or push-on)  <b>8</b> .110 x .020 with diode protection	4.5 - 24 VDC Sinking	<b>EA</b> Momentary	<b>EE</b> Alternate

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

Example: **AML12CBB2EA**  
 Square, pushbutton switch housing; black bezel; red LED; .110 x .020 termination; current-sinking output for use with 5-volt supply; momentary action.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML21 Electronic control pushbutton switches

### AML21 INCANDESCENT OR NON-LIGHTED DISPLAY ORDER GUIDE

<u>AML21B</u>	<u>B</u>	<u>A</u>	<u>2</u>	<u>AA</u>						
<b>Housing Type</b>	<b>Bezel Color</b>	<b>Incandescent Lamp Type</b>	<b>Terminal Type</b>	<b>Circuitry Codes (Each pole has double-throw)</b>						
<b>Standard Bezel</b> <b>AML21B</b> Square non-lighted <b>AML21C</b> Square 1 lamp ckt. <b>AML21E</b> Rect. non-lighted <b>AML21F</b> Rect. 1 lamp ckt. <b>AML21G</b> Rect. 2 lamp ckts.  <b>Full Guard Bezel</b> <b>AML21H</b> Square non-lighted <b>AML21J</b> Square 1 lamp ckt. <b>AML21K</b> Rect. non-lighted <b>AML21L</b> Rect. 1 lamp ckt. <b>AML21M</b> Rect. 2 lamp ckts.	<b>B</b> Black	<b>A</b> No lamp installed  <b>B</b> 6 V lamp  <b>C</b> 14 V lamp  <b>E</b> 28 V lamp	<b>2</b> .110 x .020 (solder or quick-connect)  <b>3</b> .025 x .025 (printed ckt. or push-on)	<table border="1"> <tr> <td style="text-align: center;">Silver Contacts</td> <td> <b>Mom. Action.</b>  <b>AA</b> 1-pole  <b>AC</b> 2-pole  <b>CC</b> 4-pole   <b>Alt. Action</b>  <b>AB</b> 1-pole  <b>AD</b> 2-pole  <b>CD</b> 4-pole                 </td> </tr> <tr> <td style="text-align: center;">Gold Contacts</td> <td> <b>Mom. Action</b>  <b>BA</b> 1-pole  <b>BC</b> 2-pole  <b>DC</b> 4-pole   <b>Alt. Action</b>  <b>BB</b> 1-pole  <b>BD</b> 2-pole  <b>DD</b> 4-pole                 </td> </tr> <tr> <td style="text-align: center;">Gold-plated Silver Contacts</td> <td> <b>Mom. Action</b>  <b>EA</b> 1-pole  <b>EC</b> 2-pole                 </td> </tr> </table>	Silver Contacts	<b>Mom. Action.</b> <b>AA</b> 1-pole <b>AC</b> 2-pole <b>CC</b> 4-pole  <b>Alt. Action</b> <b>AB</b> 1-pole <b>AD</b> 2-pole <b>CD</b> 4-pole	Gold Contacts	<b>Mom. Action</b> <b>BA</b> 1-pole <b>BC</b> 2-pole <b>DC</b> 4-pole  <b>Alt. Action</b> <b>BB</b> 1-pole <b>BD</b> 2-pole <b>DD</b> 4-pole	Gold-plated Silver Contacts	<b>Mom. Action</b> <b>EA</b> 1-pole <b>EC</b> 2-pole
Silver Contacts	<b>Mom. Action.</b> <b>AA</b> 1-pole <b>AC</b> 2-pole <b>CC</b> 4-pole  <b>Alt. Action</b> <b>AB</b> 1-pole <b>AD</b> 2-pole <b>CD</b> 4-pole									
Gold Contacts	<b>Mom. Action</b> <b>BA</b> 1-pole <b>BC</b> 2-pole <b>DC</b> 4-pole  <b>Alt. Action</b> <b>BB</b> 1-pole <b>BD</b> 2-pole <b>DD</b> 4-pole									
Gold-plated Silver Contacts	<b>Mom. Action</b> <b>EA</b> 1-pole <b>EC</b> 2-pole									

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

Example: **AML21BBA2AA**  
 Square, pushbutton switch housing, non-lighted; black bezel; .110 x .020 termination; 1-pole, double throw; silver contacts.

## AML22 Electronic control pushbutton switches

### AML22 LED DISPLAY ORDER GUIDE

<u>AML22C</u>	<u>B</u>	<u>B</u>	<u>2</u>	<u>AA</u>				
<b>Housing Type</b>	<b>Bezel Color</b>	<b>LED Color/Voltage</b>	<b>Terminal Type</b>	<b>Circuitry Codes (Each pole has double-throw)</b>				
<b>Standard Bezel</b> <b>AML22C</b> Square 1 LED <b>AML22H</b> Square 1 high profile LED (for use with AML-52A buttons)  <b>Full Guard Bezel</b> <b>AML22J</b> Square 1 LED	<b>B</b> Black	<b>Red</b> <b>B</b> V <b>C</b> 5V <b>D</b> 10V <b>E</b> 15V <b>F</b> 24V  <b>Yellow</b> <b>H</b> V <b>J</b> 5V <b>K</b> 10V <b>L</b> 15V <b>M</b> 24V  <b>Green</b> <b>R</b> V <b>S</b> 5V <b>T</b> 10V <b>W</b> 15V <b>X</b> 24V	<b>2</b> .110 x .020 (solder or quick-connect)  <b>3</b> .025 x .025 (printed ckt. or push-on)  <b>8</b> .110 x .020 with diode protection	<table border="1"> <tr> <td style="text-align: center;">Silver Contacts</td> <td> <b>Mom. Action.</b>  <b>AA</b> 1-pole  <b>AC</b> 2-pole   <b>Alt. Action</b>  <b>AB</b> 1-pole  <b>AD</b> 2-pole  <b>CD</b> 4-pole                 </td> </tr> <tr> <td style="text-align: center;">Gold Contacts</td> <td> <b>Mom. Action</b>  <b>BA</b> 1-pole  <b>BC</b> 2-pole   <b>Alt. Action</b>  <b>BB</b> 1-pole  <b>BD</b> 2-pole  <b>DD</b> 4-pole                 </td> </tr> </table>	Silver Contacts	<b>Mom. Action.</b> <b>AA</b> 1-pole <b>AC</b> 2-pole  <b>Alt. Action</b> <b>AB</b> 1-pole <b>AD</b> 2-pole <b>CD</b> 4-pole	Gold Contacts	<b>Mom. Action</b> <b>BA</b> 1-pole <b>BC</b> 2-pole  <b>Alt. Action</b> <b>BB</b> 1-pole <b>BD</b> 2-pole <b>DD</b> 4-pole
Silver Contacts	<b>Mom. Action.</b> <b>AA</b> 1-pole <b>AC</b> 2-pole  <b>Alt. Action</b> <b>AB</b> 1-pole <b>AD</b> 2-pole <b>CD</b> 4-pole							
Gold Contacts	<b>Mom. Action</b> <b>BA</b> 1-pole <b>BC</b> 2-pole  <b>Alt. Action</b> <b>BB</b> 1-pole <b>BD</b> 2-pole <b>DD</b> 4-pole							

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

Example: **AML22CBB2AA**  
 Square, pushbutton switch housing with one LED, black bezel; red LED (without resistor); .110 x .020 termination; momentary action; 1-pole, double throw; silver contacts.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML23 Solid state pushbutton switches

### AML23 INCANDESCENT OR NON-LIGHTED DISPLAY ORDER GUIDE

AML23E	B	A	2	AA	01
Housing Type	Operator/ Bezel Color	Incandescent Lamp Type	Terminal Type	Circuitry Codes	Operating Action
<b>AML23E</b> Rectangular non-lighted  <b>AML23F</b> Rectangular 1 lamp ckt. (A)  <b>AML23G</b> Rectangular 2 lamp ckts.(A & B)	<b>B</b> Black/Black	<b>A</b> No lamp installed  <b>B</b> 6 V lamp  <b>C</b> 14 V lamp  <b>E</b> 28 V lamp	<b>2</b> .110 x .020 (solder or quick-connect)  <b>3</b> .025 x .025 (printed, ckt. or push-on)	<b>Silver Contacts</b> <b>AA</b> 1-pole① <b>AC</b> 2-pole① <b>CA</b> 2-pole <b>CC</b> 4-pole①  <b>Gold Contacts</b> <b>BA</b> 1-pole  Insert code letters as shown in Circuitry Chart	No charge  Insert Code numbers from Operating Action Chart

Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

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

① for non-illuminated switches only.

### CIRCUITRY

Silver Contacts	Gold Contacts	2-Position		3-Position			
<b>AA</b>	<b>BA</b>						
<b>AC</b>	<b>BC</b>						
<b>CA</b>	<b>DA</b>						
<b>CC</b>	<b>CC</b>						

### OPERATING ACTION

2-Position		
Maint.	<b>01</b> None	Maint.
Mom.	<b>02</b> None	Maint.
Maint.	<b>03</b> None	Mom.
3-Position		
Maint.	<b>04</b> Maint.	Maint.
Mom.	<b>05</b> Maint.	Mom.
Maint.	<b>06</b> Maint.	Mom.
Mom.	<b>07</b> Maint.	Maint.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML25 Electronic control paddle switches

### AML25 LED DISPLAY ORDER GUIDE

AML25F	B	B	2	AA	01	R	X
Housing Type	Operator/ Bezel Color	LED Voltage	Terminal Type/ Diode Protection	Circuitry Codes	Operating Code	LED Color (LED A)	LED Color (LED B)
<b>AML25F</b> Rectangular 1 LED  <b>AML25G</b> Rectangular 2 LEDs	<b>B</b> Black/Black	<b>B</b> V  <b>C</b> 5 V  <b>D</b> 10 V  <b>E</b> 15 V  <b>F</b> 24 V	<b>2</b> .110 x .020 (solder or quick-connect)  <b>3</b> .025 x .025 (printed ckt. or push-on)  <b>8</b> .110 x .020 with diode protection	<b>Silver Contacts</b> <b>AA</b> 1-pole  <b>CA</b> 2-pole  <b>Gold Contacts</b> <b>BA</b> 1-pole  <b>DA</b> 2-pole  Insert code letters as shown in Circuitry Chart	No charge  Insert code numbers from Operating Action Chart	<b>R</b> Red  <b>Y</b> Yellow  <b>G</b> Green  <b>X</b> No LED	<b>R</b> Red  <b>Y</b> Yellow  <b>G</b> Green  <b>X</b> No LED

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

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

### CIRCUITRY

Silver Contacts		Gold Contacts		2-Position		3-Position		
<b>AA</b>	<b>BA</b>							
<b>AC</b>	<b>BC</b>							
(Non-illuminated switches only)								
<b>CA</b>	<b>DA</b>							
<b>CC</b>	<b>CC</b>							
(Non-illuminated switches only)								

### OPERATING ACTION

2-Position		
Maint.	<b>01</b> None	Maint.
Mom.	<b>02</b> None	Maint.
Maint.	<b>03</b> None	Mom.
3-Position		
Maint.	<b>04</b> Maint.	Maint.
Mom.	<b>05</b> Maint.	Mom.
Maint.	<b>06</b> Maint.	Mom.
Mom.	<b>07</b> Maint.	Maint.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML24 Electronic control rocker switches

### AML24 INCANDESCENT OR NON-LIGHTED DISPLAY ORDER GUIDE

AML24E	B	A	2	AA	01
<b>Housing Type</b>	<b>Bezel Color</b>	<b>Incandescent Lamp Type</b>	<b>Terminal Type</b>	<b>Circuitry Codes</b>	<b>Operating Action</b>
<b>AML24E</b> Rectangular non-lighted  <b>AML24F</b> Rectangular 1 lamp ckt. (A)  <b>AML24G</b> Rectangular 2 lamp ckts.	<b>B</b> Black	<b>A</b> No lamp installed  <b>B</b> 6 V lamp  <b>C</b> 14 V lamp  <b>E</b> 28 V lamp	<b>2</b> .110 x .020 (solder or quick-connect)  <b>3</b> .025 x .025 (printed ckt. or push-on)	<b>Silver Contacts</b> <b>AA</b> 1-pole <b>AC</b> 2-poleⓁ <b>CA</b> 2-pole <b>CC</b> 4-poleⓁ  <b>Gold Contacts</b> <b>BA</b> 1-pole <b>BC</b> 2-poleⓁ <b>DA</b> 2-pole <b>DC</b> 4-poleⓁ  Insert Code letters as shown in Circuitry Chart	No charge  Insert Code numbers from Operating Action Chart

Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

Example: **AML24EBA2AA01**  
Rectangular, non-lighted rocker switch housing; black bezel; 110 x .020 terminals;  
.with one circuit ON and one circuit OFF in each extreme operator position (maintained).

Ⓛ for non-illuminated switches only.

### CIRCUITRY

Silver Contacts		Gold Contacts		2-Position		3-Position			
<b>AA</b>	<b>BA</b>								
<b>AC</b>	<b>BC</b>								
<b>CA</b>	<b>DA</b>								
<b>CC</b>	<b>DC</b>								

### OPERATING ACTION

2-Position		
Maint.	<b>01</b> None	Maint.
Mom.	<b>02</b> None	Maint.
Maint.	<b>03</b> None	Mom.
3-Position		
Maint.	<b>04</b> Maint.	Maint.
Mom.	<b>05</b> Maint.	Mom.
Maint.	<b>06</b> Maint.	Mom.
Mom.	<b>07</b> Maint.	Maint.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML26 Electronic control rocker switches\*\*

### AML26 LED DISPLAY ORDER GUIDE

AML26F	B	B	2	AA	01	R	X
Housing Type	Bezel Color	LED Voltage	Terminal Type/ Diode Protection	Circuitry Codes	Operating Action	LED Color (LED A)	LED Color (LED B)
AML26F 1 LED	B Black	B V	2 .110 x .020 (solder or quick-connect)	<b>Silver Contacts</b> AA 1-pole CA 2-pole	Insert code numbers from Operating Action Chart	R Red	R Red
AML26G 2 LEDs		C 5 V	3 .025 x .025 (printed ckt. or push-on)	<b>Gold Contacts</b> BA 1-pole DA 2-pole		Y Yellow	Y Yellow
		D 10 V	8 .110 x .020 with diode protection	Insert Code letters as shown in Circuitry Chart		G Green	G Green
		E 15 V				X No LED	X No LED
		F 24 V					

Discount **BE**

Schedule Qty.: 25 pieces/listing  
Unclass.

Example: **AML26FBB2AA01RX**

Rectangular rocker switch; illuminated with one LED, this device has a black bezel, .110 x .020 terminals; with one circuit ON and one circuit OFF in each extreme operator position (maintained).

\*\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing.

### CIRCUITRY

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


### OPERATING ACTION

<b>2-Position</b>			
Maint.	01 None	Maint.	Maint.
Mom.	02 None	Maint.	Mom.
Maint.	03 None	Mom.	Mom.
<b>3-Position</b>			
Maint.	04 Maint.	Maint.	Maint.
Mom.	05 Maint.	Mom.	Mom.
Maint.	06 Maint.	Mom.	Mom.
Mom.	07 Maint.	Maint.	Maint.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML27 Electronic control keylock switches \*\*\*\*

### AML27 NON-LIGHTED ORDER GUIDE

AML27A	B	K	2	AA	21	BA		
<b>Housing Type</b>	<b>Bezel Color</b>	<b>Button Color</b>	<b>Terminal Type</b>	<b>Circuitry Codes (each pole has double throw)</b>	<b>Operation Action (key out in center position, except where noted)</b>		<b>Key Combinations</b>  (Two keys furnished)	
AML27A Square housing non-lighted	B Black	K Black	2 .110 x .020 (solder or quick-connect)  3 .025 x .025 (printed circuit or push-on)	<b>Silver Contacts</b> AA 1-pole  AC 2-pole  <b>Gold Contacts</b> BA 1-pole  BC 2-pole	<b>CCW</b>	<b>Center</b>		<b>CW</b>
					None	21 Maint.	Maint.	<b>BA BB</b> <b>BK BC</b> <b>BL BD</b> <b>BE BS</b> <b>BF BW</b>
					None	22* Maint.	Maint.	
					None	23 Maint.	Mom.	
					Maint.	24 Maint.	Maint.	
					Mom.	25 Maint.	Mom.	
					Maint.	26** Maint.	Maint.	
					Mom.	27*** Maint.	Maint.	
					Maint.	28*** Maint.	Maint.	
					Maint.	29† Maint.	Maint.	
					Maint.	30† Maint.	Mom.	
					Maint.	31†† Maint.	Mom.	

Discount **BE**  
 Schedule Qty: 25 pieces/listing  
 Unclass.

#### REPLACEMENT KEYS

One key per listing  
 Five piece minimum order quantity for keys

Key Combination	Key Code	Catalog Listing
BA	110	30PA101-AML
BB	109	30PA102-AML
BD	107	30PA104-AML
BE	106	30PA105-AML
BS	117	30PA117-AML
BT	118	30PA118-AML
BV	119	30PA119-AML
BW	120	30PA120-AML

Note: These keys fit the 5-bit keylocks in the Order Guide



Specify different key combinations to acquire different keys, i.e.:

AML27ABK2AA21**BB** and AML27ABK2AA21**BE** have different keys.  
 AML27ABK2AA21**BB** and AML27ABK3BC25**BB** have identical interchangeable keys.

**28** and **29** operating actions should be used with key combinations BA or BB.

Example: **AML27ABK2AA21BA** Square housing; black bezel and button; .110 x .020 terminals; 2-pole double-throw; silver contacts; 3-position maintained and key code "BB".

\*\*\*\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML31 Power duty pushbutton switches\*

### AML31 INCANDESCENT OR NON-LIGHTED DISPLAY ORDER GUIDE

<u>AML31E</u>	<u>B</u>	<u>A</u>	<u>4</u>	<u>AC</u>		
Housing Type	Bezel Color	Incandescent Lamp Type	Terminal Type	Circuitry Codes		
<b>Standard Bezel</b> <b>AML31E</b> Rect. non-lighted <b>AML31F</b> Rect. 1 lamp ckt.  <b>Full Guard Bezel</b> <b>AML31L</b> Rect. 1 lamp ckt.	<b>B</b> Black	<b>A</b> No lamp installed  <b>B</b> 6 V lamp  <b>C</b> 14 V lamp  <b>E</b> 28 V lamp	<b>4</b> .187 x .020 (solder or quick-connect)	2-pole, single-throw, normally open, Form X  <table border="0" style="width: 100%;"> <tr> <td style="text-align: center; width: 50%;"><b>AD</b> Alt. action</td> <td style="text-align: center; width: 50%;"><b>AC</b> Mom. Action</td> </tr> </table>	<b>AD</b> Alt. action	<b>AC</b> Mom. Action
<b>AD</b> Alt. action	<b>AC</b> Mom. Action					

Discount **BE**  
 Schedule Qty.: **25** pieces/listing  
 Unclass.

Example: **AML31EBA4AC**  
 Rectangular pushbutton switch housing, non-lighted; black bezel; .187 x .020 terminals; momentary action; 2-pole, single-throw, normally open, Form X

\* **NOTE:** Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.

## AML32 Power duty pushbutton switches\*

### AML32 NEON DISPLAY ORDER GUIDE

<u>AML32F</u>	<u>B</u>	<u>C</u>	<u>7</u>	<u>AA</u>		
Housing Type	Bezel Color	Neon Lamp Voltage/Color	Terminal Type Lamp Circuit	Circuitry Codes		
<b>Standard Bezel</b> <b>AML32F</b> Rect. 1 Neon lamp  <b>Full Guard Bezel</b> <b>AML32L</b> Rect. 1 Neon lamp	<b>B</b> Black	<b>Red</b> <b>B</b> 125 VAC <b>C</b> 250 VAC  <b>Clear</b> <b>K</b> 125 VAC <b>L</b> 250 VAC  <b>Green</b> <b>M</b> 125 VAC <b>P</b> 250 VAC	<b>4</b> .187 x .020 (solder or quick-connect) with isolated lamp circuit  <b>7</b> .187 x .020 with integral lamp circuit	2-pole, single-throw, normally open, Form X  <table border="0" style="width: 100%;"> <tr> <td style="text-align: center; width: 50%;"><b>AD</b> Alt. action</td> <td style="text-align: center; width: 50%;"><b>AC</b> Mom. Action</td> </tr> </table>	<b>AD</b> Alt. action	<b>AC</b> Mom. Action
<b>AD</b> Alt. action	<b>AC</b> Mom. Action					

Discount **BE**  
 Schedule Qty.: **25** pieces/listing  
 Unclass.


Example: **AML32FBC7AC**  
 Rectangular pushbutton switch housing; black bezel; 250 volt, red neon lamp; .187 x .020 terminals with integral lamp circuit; momentary action; 2-pole, single-throw, normally open, Form X

\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML33 Power duty paddle switches\*

### AML33 INCANDESCENT OR NON-LIGHTED DISPLAY ORDER GUIDE

<b>AML33E</b>	<b>B</b>	<b>A</b>	<b>4</b>	<b>AA</b>	<b>01</b>
Housing Type	Operator/ Bezel Color	Incandescent Lamp Type	Terminal Type	Circuitry Codes	Operating Action
<b>AML33E</b> Rectangular non-lighted  <b>AML33F</b> Rectangular 1 lamp ckt.	<b>B</b> Black/Black	<b>A</b> No lamp installed	<b>4</b> .187 x .020 (solder or quick-connect)	<b>Silver Contacts</b> <b>AA</b> 1-pole (one Form A single-throw, normally open)  <b>AC</b> 2-pole (Two Form A)	 <b>01</b> Maint. ON      Maint. OFF


Discount **BE**  
 Schedule Qty.: **25** pieces/listing  
 Unclass.

Example: **AML33EBA4AA01**  
 Rectangular, non-lighted device; black paddle and bezel; .187 x .020 terminals; 1-pole, Form A Single Throw; with one circuit ON in one extreme position and OFF in the other.

\* **NOTE:** Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.

## AML34 Power duty rocker switches\*

### AML34 INCANDESCENT OR NON-LIGHTED DISPLAY ORDER GUIDE

<b>AML34E</b>	<b>B</b>	<b>A</b>	<b>4</b>	<b>AA</b>	<b>01</b>
Housing Type	Bezel Color	Incandescent Lamp Type	Terminal Type	Circuitry Codes	Operating Action
<b>AML34E</b> Rectangular non-illum.  <b>AML34F</b> Rectangular 1 lamp ckt.	<b>B</b> Black	<b>A</b> No lamp installed	<b>4</b> .187 x .020 (solder or quick-connect)	<b>Silver Contacts</b> <b>AA</b> 1-pole (one Form A single-throw, normally open)  <b>AC</b> 2-pole (Two Form A)	 <b>01</b> Maint. ON      Maint. OFF

Discount **BE**  
 Schedule Qty.: **25** pieces/listing  
 Unclass.

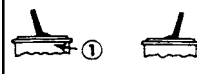
Example: **AML34EBA4AA01**  
 Rectangular, non-illuminated device; black paddle and bezel; .187 x .020 terminals; 1-pole, Form A single throw; with one circuit ON in one extreme position and OFF in the other.

\* **NOTE:** Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML35 Power duty paddle switches\*

### AML35 NEON DISPLAY ORDER GUIDE

<b>AML35F</b>	<b>B</b>	<b>B</b>	<b>4</b>	<b>AA</b>	<b>01</b>
Housing Type	Operator/ Bezel Color	Neon Lamp Voltage	Terminal Type/ Lamp Circuit	Circuitry Codes	Operating Action
<b>AML35F</b> Rectangular 1 neon lamp	<b>B</b> Black/Black	<b>Red</b> <b>B</b> 125 VAC	<b>4</b> .187 x .020 (solder or quick-connect) with isolated lamp circuit  <b>7</b> .187 x .020 with integral lamp circuit (available with 2-pole devices only)	<b>Silver Contacts</b> <b>AA</b> (One Form A single-throw) Available only with isolated lamp circuit, term. type 4  <b>AC</b> 2-pole (Two Form A)	 <b>01</b> Maint. ON    Maint. OFF


Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

Example:**AML35FBB4AA01**  
Rectangular paddle switch housing; black paddle and bezel; 125 VAC neon lamp; .187 x .020 terminals with isolated lamp circuit; 1-pole, Form A single throw; with circuit ON in one extreme position and OFF in the other (maintained).

\* **NOTE:** Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.

## AML36 Power duty rocker switches\*

### AML36 NEON DISPLAY ORDER GUIDE

<b>AML36F</b>	<b>B</b>	<b>B</b>	<b>4</b>	<b>AA</b>	<b>01</b>
Housing Type	Bezel Color	Neon Lamp Voltage	Terminal Type/ Lamp Circuit	Circuitry Codes	Operating Action
<b>AML36F</b> Rectangular 1 neon lamp	<b>B</b> Black	<b>Red</b> <b>B</b> 125 VAC  <b>C</b> 250 VAC	<b>4</b> .187 x .020 (solder or quick-connect) with isolated lamp circuit  <b>7</b> .187 x .020 with integral lamp circuit (available with 2-pole devices only)	<b>Silver Contacts</b> <b>AA</b> (One Form A single-throw) Available only with isolated lamp circuit, term. type 4.  <b>AC</b> 2-pole (Two FormA)	 <b>01</b> Maint. ON    Maint. OFF

Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

Example:**AML36FBB4AA01**  
Rectangular rocker switch housing; black bezel; 125 VAC neon lamp; .187 x .020 terminals with isolated lamp circuit; 1-pole Form A single throw; with circuit ON in one extreme position and OFF in the other.

\* **NOTE:** Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML41/42 Lighted indicators\*

### AML41 INCANDESCENT DISPLAY INDICATORS ORDER GUIDE

<b>AML41C</b>		<b>B</b>	<b>A</b>	<b>2</b>	
Housing Type		Bezel Color	Incand. Lamp Type	Terminal Type	
<b>Pushbutton Style</b>	<b>Lens Style</b>	<b>B</b> Black	<b>A</b> No lamp installed	<b>2</b> .110 x .020 (solder or quick-connect)	Discount <b>BE</b> Schedule Qty.: 25 pieces/listing Unclass.  Example: <b>AML41CBA2</b> Square (pushbutton style) indicator housing with one lamp circuit; black bezel; .110 x .020 termination.  * <b>NOTE:</b> Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.
<b>AML41C</b> Square 1 lamp ckt.	(Use AML51-J, -K, and -L buttons only)		<b>B</b> 6 V lamp	<b>3</b> .025 x .025 (printed circuit or push-on)	
<b>AML41D</b> Square, 2 lamp ckts.	<b>AML41J</b> Rectangular 1 lamp ckt.		<b>C</b> 14 V lamp		
<b>AML41F</b> Rectangular 1 lamp ckt.	<b>AML41K</b> Rectangular 2 lamp ckts.		<b>E</b> 28 V lamp		
<b>AML41G</b> Rectangular 2 lamp ckts.	<b>AML41L</b> Rectangular 3 lamp ckts.				

### AML42 LED DISPLAY INDICATORS ORDER GUIDE

<b>AML42S</b>	<b>B</b>	<b>C</b>	<b>2</b>		
Housing Type	Bezel Color	LED Color/ Voltage	Terminal Type/ Diode Protection		
<b>AML42C</b> Square 1 LED	<b>B</b> Black	<b>Red</b> <b>B</b> V <b>C</b> 5V <b>E</b> 15V <b>F</b> 24V	<b>2</b> .110 x .020 (solder or q.c.)	<b>8</b> .110 x .020 with diode protection	Discount <b>BE</b> Schedule Qty.: 25 pieces/listing Unclass.  Example: <b>AML42SBC2</b> Compact indicator with black bezel; 5 volt red LED; .110 x .020 termination.  * <b>NOTE:</b> Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.
<b>AML42S</b> Rectangular 1 LED		<b>Yellow</b> <b>H</b> V* <b>J</b> 5V <b>L</b> 15V <b>M</b> 24V	<b>3</b> .025 x .025 (printed circuit or push-on)		
<b>AML42J</b> Full guard bezel with 1 LED		<b>Green</b> <b>R</b> V <b>S</b> 5V <b>W</b> 15V <b>X</b> 24V			
<b>AML42K</b> Full guard bezel with high profile LED					

# Honeywell Sensing and Control AML/MML Selection Guide

## AML45 Solid state LED annunciators\*

### AML45 ORDER GUIDE

AML45S	W	A	2	RY	
Housing Type	Color of Housing Bezel	LED Voltage	Terminal Type	LED Color	
<b>AML45R</b> 2 LEDs (for use with full-screen)	<b>W</b> White	<b>A</b> 2.4 V	<b>2</b> .110 x .020 (solder or quick-connect)	<b>Side 1</b>	<b>Side 2</b>
<b>AML45S</b> 2 LEDs (for use with split-screen)	<b>K</b> Black	<b>C</b> 10 V	<b>3</b> 0.25 x 0.25 (printed circuit)	<b>R</b> Red	<b>R</b> Red
		<b>D</b> 15 V	<b>8</b> .110 x .020 with diode protection	<b>Y</b> Yellow	<b>Y</b> Yellow
		<b>F</b> 24 V		<b>G</b> Green	<b>G</b> Green
		<b>*K</b> 15 V High Intensity		<b>A</b> Amber	<b>A</b> Amber
				<b>H</b> Red	<b>H</b> Red

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

Example: **AML45SWA2RY**  
 Split-screen type housing with white bezel, 2.4 V LEDs, .110 x .020 termination; red LED in side 1 and yellow LED in side 2

\*K must have two LEDs – uses A or H LEDs only

**SPACERS:** 30PA1-AML (package of 10) - unclassified

\* **NOTE:** Contact Customer Service for a minimum quantity required to establish or reinstate a catalog listing.

## AML51 Button Parts

### Catalog Listing Description

Full Filter – Square Translucent ▲  
 AML51- Z1 Red  
 -Z2 Yellow  
 -Z3 Green  
 -Z5 White

Full Filter – Rectangular Translucent ▲  
 AML51- Z6 Red  
 -Z7 Yellow  
 -Z8 Green

Split Filter – Rectangular Translucent ▲  
**Catalog listing includes two splits**  
 AML51- Z16 Red  
 -Z20 White

Split Filter – Rectangular Translucent ■  
**Catalog listing includes two splits**  
 AML51- Z42 Red  
 -Z43 Yellow  
 -Z44 Green  
 -Z46 Clear

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

Five piece minimum order quantity

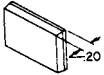
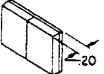
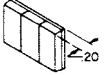
- ▲ For use with Clear Cap and Dead Front Buttons
- For use with Projected Color Buttons

**NOTE:** Projected color buttons are the AML51-C10W and AML51-F10W

# Honeywell Sensing and Control AML/MML Selection Guide



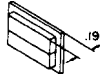








## AML51/52 Lens/Buttons

AML51 LENS ORDER GUIDE (for incandescent display AML41J, K and L indicators)

AML51J		10		R		Discount BE Schedule Qty.: 25 pieces/listing Unclass.
Button Type (Lens style)	Display/Legend Type	Full color or 1st color split	2nd color split	3rd color split		
 <b>AML51-J</b>	<b>Transmitted Color</b> <b>10</b> No legend <b>20</b> With legend	<b>R</b> Red	<b>R</b> Red	<b>R</b> Red	Five piece minimum order quantity for buttons  Example: <b>AML51-J10R</b> Rectangular lens-type button; full color; transmitted color, no legend; red  ** Not available in projected color  Not all color combinations are available for two and three piece buttons	
 <b>AML51-K</b>	<b>Transmitted Color</b> (clear cap & color insert) <b>11</b> No legend <b>21</b> With legend	<b>Y</b> Yellow	<b>Y</b> Yellow	<b>Y</b> Yellow		
 <b>AML51-L</b>	<b>Dead Front</b> (smoky gray cap & color insert) <b>30</b> No legend <b>40</b> With legend	<b>G</b> Green	<b>G</b> Green	<b>G</b> Green		
	<b>Projected color</b> (white cap & color insert) <b>50</b> No legend <b>60</b> With legend	<b>B</b> Blue	<b>B</b> Blue	<b>B</b> Blue		
		<b>W</b> White	<b>W</b> White	<b>W</b> White		
		<b>A**</b> Amber	<b>A**</b> Amber	<b>A**</b> Amber		

## AML51 Buttons for switches and indicators

AML51 PUSH BUTTON ORDER GUIDE


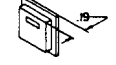
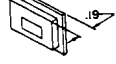
AML51-C			10		R		-	
Button Type (Push Button Type)			Display/Legend Type		Full Color or 1st Color Split		2nd Color Split	
For switches or indicators:   <b>AML51-C</b>			<b>Transmitted Color</b> <b>10</b> No legend <b>20</b> With legend  <b>Transmitted Color</b> (clear cap & color insert) <b>11</b> No legend <b>21</b> with legend  <b>Dead Front</b> (smoky gray cap & color insert) <b>30</b> No legend <b>40</b> with legend  <b>Projected color</b> (white cap & color insert) <b>50</b> No legend <b>60</b> with legend	<b>R</b> Red  <b>Y</b> Yellow  <b>G</b> Green  <b>B</b> Blue  <b>W</b> White  <b>K***</b> Black  <b>L***</b> Gray  <b>A**</b> Amber	<b>R</b> Red  <b>Y</b> Yellow  <b>G</b> Green  <b>B</b> Blue  <b>W</b> White  <b>K***</b> Black  <b>L***</b> Gray  <b>A**</b> Amber			
 <b>AML51-F</b>								
 <b>AML51-G</b>								
 <b>AML51-A</b>								
 <b>AML51-H</b>								
 <b>AML51-N†</b>								
 <b>AML51-B</b>								
 <b>AML51-E</b>								
 <b>AML51-M</b>								
 <b>AML51-R</b>								
For indicators only   <b>AML51-D</b>  <small>*Available with transmitted color (10 or 20) only</small>			<small>** Available with transmitted and dead-front only</small> <small>*** Black and gray not recommended for lighted display</small> <small>† AML51-N buttons not available with Display/Legend Types 10 and 20</small> <small>Note: Dimensions include the .060 in bezel</small>	Example: <b>AML51-C10R</b> Square full color button; with transmitted color, no legend; red				

**NOTE:** AML51 has a \$6.00 net each recurring set-up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML52 Buttons

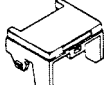
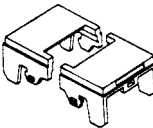
### AML52 BUTTON ORDER GUIDE (for LED/Neon display)

AML52-N	10	R	
<b>Button Type</b>	<b>Display/Legend Type (see note)</b>	<b>Button Color</b>	
<p><b>For LED Devices</b> <b>AML52-A</b></p>  <p><b>AML52-C*</b></p> 	<p style="text-align: center;"><b>Transmitted Color</b></p> <p style="text-align: center;"><b>10</b> No legend</p> <p style="text-align: center;"><b>20</b> with legend</p> <p><b>NOTE:</b> AML52 and AML53 have \$6.00 net each recurring set-up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.</p>	<p style="text-align: center;"><b>R</b> Red</p> <p style="text-align: center;"><b>Y</b> Yellow</p> <p style="text-align: center;"><b>G</b> Green</p> <p style="text-align: center;"><b>B</b> Blue</p> <p style="text-align: center;"><b>W</b> White</p> <p style="text-align: center;"><b>K</b> Black</p> <p style="text-align: center;"><b>L</b> Gray</p>	<p>Discount <b>BE</b> Schedule Qty.: <b>25</b> pieces/listing Unclass.</p> <p>Five piece minimum order quantity for buttons</p> <p>Example: <b>AML52-N10R</b> Rectangular full screen; for use on neon power switch with transmitted color, no legend; red button.</p>
<p><b>For Neon Devices</b> <b>AML52-N</b></p> 			

\* Not available for lighted display

## AML53 Covers for paddle switches



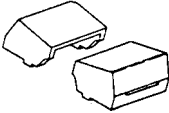
### AML53 PADDLE SWITCH COVER ORDER GUIDE (for incandescent or non-lighted display)

AML53-T	10	R	G	
<b>Paddle Switch Cover Type</b>	<b>Display/Legend Type</b>	<b>Cover Color</b>		
<p></p> <p><b>AML53-E</b> 1/2 Cover</p> <p></p> <p><b>AML53-T</b> Two-piece cover</p>	<p style="text-align: center;"><b>Transmitted Color</b></p> <p style="text-align: center;"><b>10</b> No legend <b>20</b> With legend</p> <p style="text-align: center;"><b>Transmitted Color</b> (clear cap &amp; color insert)</p> <p style="text-align: center;"><b>11</b> No legend <b>21</b> with legend</p> <p style="text-align: center;"><b>Dead Front</b> (smoky gray cap &amp; color insert)</p> <p style="text-align: center;"><b>30</b> No legend <b>40</b> with legend</p> <p style="text-align: center;"><b>Projected color</b> (white cap &amp; color insert)</p> <p style="text-align: center;"><b>50</b> No legend <b>60</b> with legend</p>	<b>1/2 cover or one side of two-piece cover</b>	<b>Other side of two-piece cover</b>	<p><b>Use only with "T" Covers</b></p> <p>Discount <b>BE</b> Schedule Qty.: <b>25</b> pieces/listing Unclass.</p> <p>Five piece minimum order quantity for buttons</p> <p>Example: <b>AML53-T10RG</b> Two-piece cover; with transmitted color, no legend; red and green.</p> <p><b>NOTE:</b> AML52 and AML53 have \$6.00 net each recurring set-up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.</p> <p><small>* Not for lighted display ** Not available with projected color</small></p>
		<p style="text-align: center;"><b>R</b> Red</p> <p style="text-align: center;"><b>Y</b> Yellow</p> <p style="text-align: center;"><b>G</b> Green</p> <p style="text-align: center;"><b>B</b> Blue</p> <p style="text-align: center;"><b>W</b> White</p> <p style="text-align: center;"><b>K*</b> Black</p>	<p style="text-align: center;"><b>R</b> Red</p> <p style="text-align: center;"><b>Y</b> Yellow</p> <p style="text-align: center;"><b>G</b> Green</p> <p style="text-align: center;"><b>B</b> Blue</p> <p style="text-align: center;"><b>W</b> White</p> <p style="text-align: center;"><b>K*</b> Black</p>	

# Honeywell Sensing and Control AML/MML Selection Guide

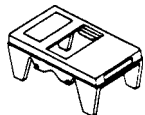
## AML54 Rocker switch operators

AML54 ROCKER OPERATOR ORDER GUIDE (for incandescent or non-lighted display)

AML54-F	10	R		
Rocker Operator Type	Display/Legend Type	Rocker Color		
 <b>AML54-F</b> Full rocker	<b>Transmitted Color</b> 10 No legend 20 With legend  <b>Transmitted Color</b> (clear cap & color insert) 11 No legend 21 with legend  <b>Dead Front</b> (smoky gray cap & color insert) 30 No legend 40 with legend  <b>Projected color</b> (white cap & color insert) 50 No legend 60 with legend	<b>Full rocker, ½ rocker, or one side of two-piece rockers</b>  R Red Y Yellow G Green B Blue W White K* Black L* Gray A** Amber	<b>Other side of two-piece rockers</b>  R Red Y Yellow G Green B Blue W White K* Black L* Gray A** Amber	Discount <b>BE</b>  Schedule Qty.: <b>25</b> pieces/listing Unclass.  Five piece minimum order quantity for buttons  Example: <b>AML54-F10R</b> Full rocker; with transmitted color, no legend; red  NOTE: AML54 and AML55 have \$6.00 net each recurring set-up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.  * Not for lighted display ** Not available with projected color † Not available for use with AML34 power switches
 <b>AML54-E</b> ½ rocker				
 <b>AML54-T</b> Two-piece rocker				

## AML55 Covers for paddle switches


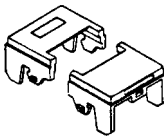
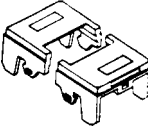
AML55 PADDLE SWITCH COVER ORDER GUIDE (for neon display)

AML55-N	10	R	Y	
Paddle Switch Cover Type	Display/Legend Type (see note)	Lens Color	Cover Color	
 <b>AML55-N</b> Full neon cover with colored lens	<b>Transmitted Color</b>  10 No legend  20 with legend	T Clear R Red	R Red Y Yellow G Green B Blue W White K Black L Gray	Discount <b>BE</b>  Schedule Qty.: <b>25</b> pieces/listing Unclass.  Five piece minimum order quantity for buttons  AML55-N covers have a colored lenticular lens window which extends over the neon lamp.  Example: <b>AML55-N10RY</b> Full neon paddle switch cover; with transmitted color, no legend; red lens and yellow cover.

# Honeywell Sensing and Control AML/MML Selection Guide

## AML55 Covers for paddle switches


### AML55 PADDLE SWITCH COVER ORDER GUIDE (for LED display)

AML55-T	10	Y	R	See notes below
<b>Paddle Switch Cover Type</b>   <b>AML55-E</b> ½ cover (for 1 LED)*	<b>Display/Legend Type</b>  <b>Transmitted Color</b> 10 No legend 20 With legend	<b>Cover Color</b>		Discount <b>BE</b>  Schedule Qty.: <b>25</b> pieces/listing Unclass.  Five piece minimum order quantity for button.  AML55-E, -T, and -H covers have an open window which allows LEDs to be flush with the cover surface.  *NOTES: <sup>1</sup> Only one color code letter is necessary for AML55-E ½ covers  <sup>2</sup> To order a ½-cover without the LED "window," specify an AML53-E listing.  Example: <b>AML55-T10YR</b> Two-piece cover; with LED window in one side, transmitted color, no legend; yellow (LED side) and red (non-LED side).  NOTE: AML55 has a net \$6.00 recurring set-up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.
 <b>AML55-T</b> Two-piece cover (for one LED)		½ cover or LED side of two-piece covers*  <b>R</b> Red  <b>Y</b> Yellow  <b>G</b> Green  <b>B</b> Blue  <b>W</b> White  <b>K</b> Black  <b>L</b> Gray	Other side of two-piece covers  <b>R</b> Red  <b>Y</b> Yellow  <b>G</b> Green  <b>B</b> Blue  <b>W</b> White  <b>K</b> Black  <b>L</b> Gray	
 <b>AML55-H</b> Two-piece cover (for two LEDs)				

# Honeywell Sensing and Control AML/MML Selection Guide


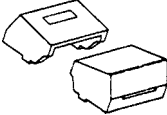
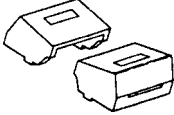
## AML56 Rocker switch operators

### AML56 ROCKER OPERATOR ORDER GUIDE (for neon display)

AML56-N	10	R	Y	
<b>Rocker Operator Type</b>  <b>AML56-N</b> Full rocker with colored lens	<b>Display/Legend Type</b> <b>Transmitted Color</b> 10 No legend 20 with legend	<b>Lens Color</b> T Clear R Red Y Yellow	<b>Rocker Color</b> R Red Y Yellow G Green B Blue W White K Black	Discount <b>BE</b> Schedule Qty.: <b>25</b> pieces/listing Unclass.  Five piece minimum order quantity for buttons  AML56-N covers have a colored lenticular lens window which extends over the neon lamp.  Example: <b>AML56-N10RY</b> Full rocker; with transmitted color, no legend; yellow rocker and red lens  NOTE: AML56 has a \$6.00 net each recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.

## AML56 Rocker switch operators

### AML56 ORDER GUIDE (for LED display)

AML56-T	10	R	B	
<b>Rocker Operator Type</b>  <b>AML56-E</b> 1/2 rocker* (for 1 LED)   <b>AML56-T</b> Two-piece rocker (for one LED)   <b>AML56-H</b> Two-piece rocker (for two LEDs)	<b>Display/Legend Type (see note)</b> <b>Transmitted Color</b> 10 No legend 20 With legend	<b>Rocker Color</b>		Discount <b>BE</b> Schedule Qty.: <b>25</b> pieces/listing Unclass.  Five piece minimum order quantity for button.  Example: <b>AML56-T10RB</b> Two-piece rocker; with LED window in one side, transmitted color, no legend; red (LED side) and blue (non-LED side).
		<b>1/2 rocker or LED side of two-piece rockers</b> R Red Y Yellow G Green B Blue W White K Black L Gray	<b>Other side of two-piece rockers</b> R Red Y Yellow G Green B Blue W White K Black L Gray	

# Honeywell Sensing and Control AML/MML Selection Guide

## AML59 Solid state LED annunciators\*

### AML59 ORDER GUIDE

Cap Style	Cap Color	Legend Type*	Filter color		
			Full	Split Screen	
<b>AML59-R</b> Full screen	<b>K</b> Black	<b>10</b> No legend	<b>R</b> Red	<b>R</b> Red	<b>R</b> Red
<b>AML59-S</b> Split screen			<b>Y</b> Yellow	<b>Y</b> Yellow	<b>Y</b> Yellow
		<b>20*</b> Negative Film Legend	<b>G</b> Green	<b>G</b> Green	<b>G</b> Green
		<b>21*</b> Positive Film Legend			

Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

Five piece minimum order quantity for buttons

Examples: **AML59-RK10R**  
Full-screen style, black cap, no legend and red filter

**AML59-SK20RY**  
Split-screen style, black cap, negative film legend, red and yellow color filters

\*AML59 has a \$6.00 net each recurring set-up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.

\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

## AML61 Mounting Hardware\*

Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

### AML61 MOUNTING HARDWARE ORDER GUIDE (for standard strip-mount assemblies)

AML61B	A	5	A	
Type	Mounting Bracket Orientation	Number of cans	Mounting Bracket Location	
<b>Square cans</b>	<b>A</b> 	<b>Square Hous.</b>	<b>0.060</b> 	
<b>AML61B</b> Plain finish	<b>E</b> 	1	<b>0.020</b> 	
<b>AML61J</b> (Black finish)		2	<b>0.045</b> 	
<b>Rect. cans</b>	<b>B</b> 	3	<b>0.050</b> 	
		4	<b>0.060</b> 	
		5	<b>0.060</b> 	
		6	<b>0.085</b> 	
		7	<b>0.120</b> 	
		8	<b>0.120</b> 	
	<b>AML61E</b> Plain finish	<b>C</b> 	9	<b>1.460</b> 
	<b>AML61K</b> (Black finish)		10	<b>U</b> NO BRACKETS
			11	
			12	

\*To order one rectangular can with mounting brackets on short sides, specify AML61EB1\_\_ or AML61KB1\_\_.

Example: **AML61EC5A**

Five rectangular cans, plain finish (unpainted), long sides abutting; type **A** mounting brackets on long sides, located flush with switch or indicator bezel. (Type **T** bracket brings top of annunciator bezel flush with top of .160 in./4.1 mm panel).

\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

# Honeywell Sensing and Control AML/MML Selection Guide

## AML71/75/76/78/79 Accessories \*

### AML71 BARRIER ORDER GUIDE

(Barriers shown in order guide are black)

Barrier Length	Type	Catalog Listing
Short (For use with square devices and short-side of rectangular devices)	Center	AML71SCB
	End	AML71SEB
Long (For use with long side of rectangular devices)	Center	AML71LCB
	End	AML71LEB

Discount **BE**  
Schedule Qty.: 25 pieces/listing  
Unclass.

Notes: Not for use with AML61 mounting hardware  
Not for use with AML41J, K, or L lens-type indicators; or AML45 annunciators

### AML75 PANEL SEAL ORDER GUIDE

Description	For use with:		
	Square 19" high pushbuttons	Rectangular 19" high pushbuttons	Rockers
Base & Seal	AML75ABC	AML75BBC	AML75RBC

Discount **BE**  
Schedule Qty.: 25 pieces/listing  
Unclass.

Notes: Multiple units should not be mounted in a single slot, since this would create an unsealed space between each unit. AML75 seals are not for use with barriers, full-guard bezels, AML61 mounting hardware, AML45 annunciators, or AML41J, K or L lens-type indicators.

### AML76 SWITCH ORDER GUIDE

Guard Type	Catalog Listing
Square	AML76C10T01P
Rectangular	AML76F10T01P

### AML78 PANEL PLUGS

Description	Catalog Listing
Square	AML78CB
Rectangular	AML78FB

### DUMMY HOUSING ORDER GUIDE

Description	Catalog Listing
Rectangular (pushbutton)	AML78F100
Rectangular (lens indicator)	AML78J100

\* Order AML51 buttons/lenses for use with dummy housings

### AML79 CONNECTOR BLOCK

This connector block can be used with square 1 and 2 pole AML21 and AML22 switches with .110 x .020 terminals to enable plug-in wiring.

#### AML79CC

\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

# Honeywell Sensing and Control AML/MML Selection Guide

## AML91/92 Lamps/LEDs\*\*

### AML91 LAMP ORDER GUIDE

Lamp Type	Industry Lamp No.	Voltage	Catalog Listing
Incandescent T-1-3/4 wedge base	86	6.3	AML91LA86
	73	14.0	AML91LA73
	85	28.0	AML91LA85

Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

Ten piece minimum order quantity for lamps and LEDs.

### AML92 LED ORDER Guide

LED Color	Quad Chip	Six Chip
Red	AML92ERY	AML92ERL
Green	AML92EGY	AML92EGL
Yellow	AML92EYY	AML92EYL
White	-	AML92EWL*

\* For use with white or yellow buttons

\*\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

# Honeywell Sensing and Control AML/MML Selection Guide

## MML11 Solid state pushbutton switches\*

Example: **MML11KK3AAK**

Solid state pushbutton housing (black), no bezel; PWB terminals; momentary action; 5 VDC, current sinking output, black plunger

Example: **MML11KK3AAKRSDR**

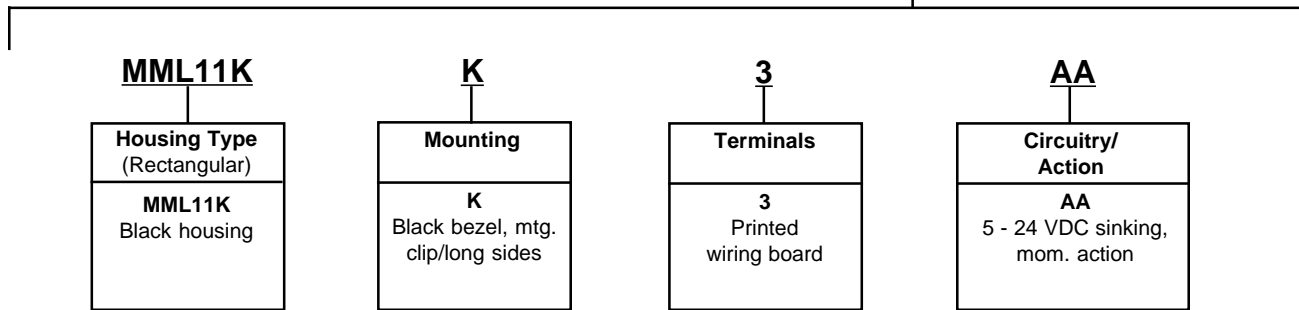
As above, except furnished with black bezel; mounting clips (long sides); red LED, and red lens installed

Discount **BE**

Schedule Qty.: **25** pieces/listing  
Unclass.

### MML11 LED, INCANDESCENT, OR NON-LIGHTED DISPLAY ORDER GUIDE

Catalog listing codes for switch,  
less assembled display options



## MML21 Electronic control pushbutton switches\*

Example: **MML21KK3AAK**

Electronic control pushbutton switch; rectangular housing (black); bezel (black); mounting clips on long sides, PWB terminals; 1-pole momentary action, silver contacts, black plunger

Example: **MML21KK3AAKRSDR**

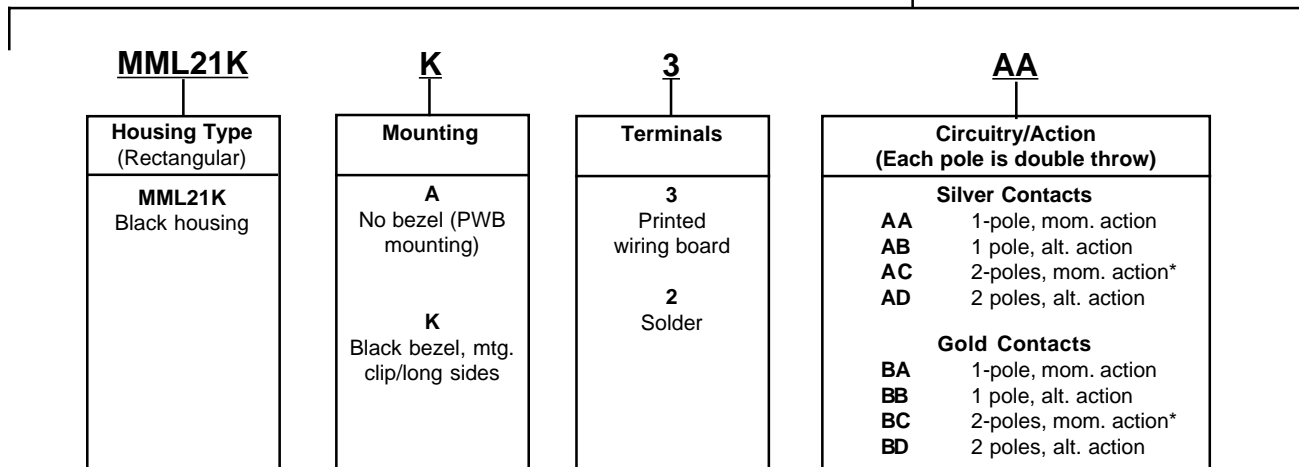
As above, except furnished with red LED and red lens installed

Discount **BE**

Schedule Qty.: **25** pieces/listing  
Unclass.

### MML21 (RECTANGULAR) LED, INCANDESCENT, OR NON-LIGHTED DISPLAY ORDER GUIDE

Catalog listing codes for switch,  
less assembled display options



\* Specify **AC** or **BC** for use with **encoded** umbrella style buttons.

\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

# Honeywell Sensing and Control AML/MML Selection Guide

Order MML11 display options assembled to switch by adding codes below.

<b>K</b>	<b>RS</b>	<b>DR</b>	<b>Leave this space blank, if legend not desired</b>
<b>Plunger</b>	<b>LED (Stanley Type)</b>	<b>Lens</b>	<b>Legend</b>
<b>K</b> Black	<b>XX</b> No LED <b>RS</b> Red* <b>YS</b> Yellow* <b>GS</b> Green*  <small>* Permanently installed.</small>	<b>For LED Display</b> <b>DR</b> Red <b>DY</b> Yellow <b>DG</b> Green  <b>For incandescent or non-lighted display</b> <b>LR</b> Red <b>LY</b> Yellow <b>LG</b> Green <b>LW</b> White <b>LK</b> Black	<b>20</b> with legend  A \$6.00 recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.

Order MML21 display options assembled to switch by adding codes below.

<b>K</b>	<b>RS</b>	<b>DR</b>	<b>Leave this space blank, if legend not desired</b>
<b>Std.Plunger (w/o lens)</b>	<b>LED (Stanley Type)</b>	<b>Lens</b>	<b>Legend</b>
<b>K</b> Black  <b>W</b> White	<b>XX</b> No LED <b>RS</b> Red* <b>YS</b> Yellow* <b>GS</b> Green*  <small>* Permanently installed.</small>	<b>XX</b> No lens* <b>For LED Display</b> <b>DR</b> Red <b>DY</b> Yellow <b>DG</b> Green  <b>For incandescent or non-lighted display</b> <b>LR</b> Red <b>LY</b> Yellow <b>LG</b> Green <b>LW</b> White <b>LK</b> Black  <small>* Enter XX when 1-piece plunger/lens is specified and legending is required.</small>	<b>20</b> with legend  A \$6.00 recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.
<b>1-piece Plunger/Lens Cap Buttons</b>			
<b>For LED Display</b> <b>H</b> Red <b>L</b> Yellow <b>N</b> Green  <b>For incandescent or non-lighted display</b> <b>R</b> Red <b>Y</b> Yellow <b>G</b> Green <b>Z</b> Black			

# Honeywell Sensing and Control AML/MML Selection Guide

## MML21 Electronic control pushbutton switches\*

Example: **MML21HR3AAKXXDR**

Electronic control pushbutton switch; square housing (black); bezel (black) and mounting clips; PWB terminals; 1-pole momentary action, silver contacts; black plunger, with red lens installed.

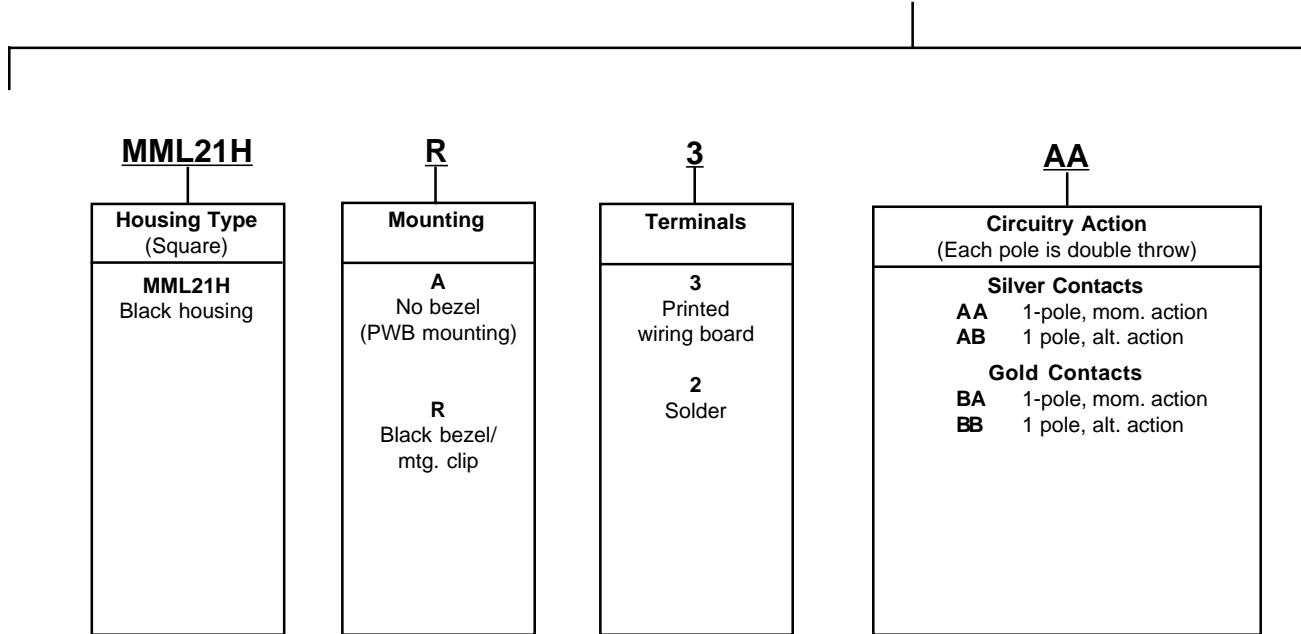
Discount **BE**

Schedule Qty.: **25** pieces/listing

Unclass.

### MML21 (SQUARE) LED, INCANDESCENT, OR NON-LIGHTED DISPLAY ORDER GUIDE

Catalog listing codes for switch,  
less assembled display options



\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

# Honeywell Sensing and Control AML/MML Selection Guide

Order MML21 display options assembled to switch by adding codes below.

<b>K</b>		<b>XX</b>	<b>DR</b>	<u>Leave this space blank, if legend not desired</u>
Std.Plunger (w/o lens)	1-piece Plunger/Lens Cap Buttons	LED	Lens	Legend
<b>K</b> Black	<b>For LED Display</b> <b>H</b> Red <b>L</b> Yellow <b>N</b> Green  <b>For incandescent or non-lighted display</b> <b>R</b> Red <b>Y</b> Yellow <b>G</b> Green <b>Z</b> Black	<b>XX</b> No LED  LEDs are not permanently installed in square housings by Honeywell Sensing and Control.  Use the MML93L recep- tacle.	<b>XX</b> No lens <b>For LED Display</b> <b>DR</b> Red <b>DY</b> Yellow <b>DG</b> Green  <b>For incandescent or non-lighted display</b> <b>LR</b> Red <b>LY</b> Yellow <b>LG</b> Green <b>LW</b> White <b>LK</b> Black	<b>20</b> with legend  A \$6.00 recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.

# Honeywell Sensing and Control AML/MML Selection Guide

## MML24 Electronic control rocker switches\*\*

Example: **MML24KA3AA01HDRXX**

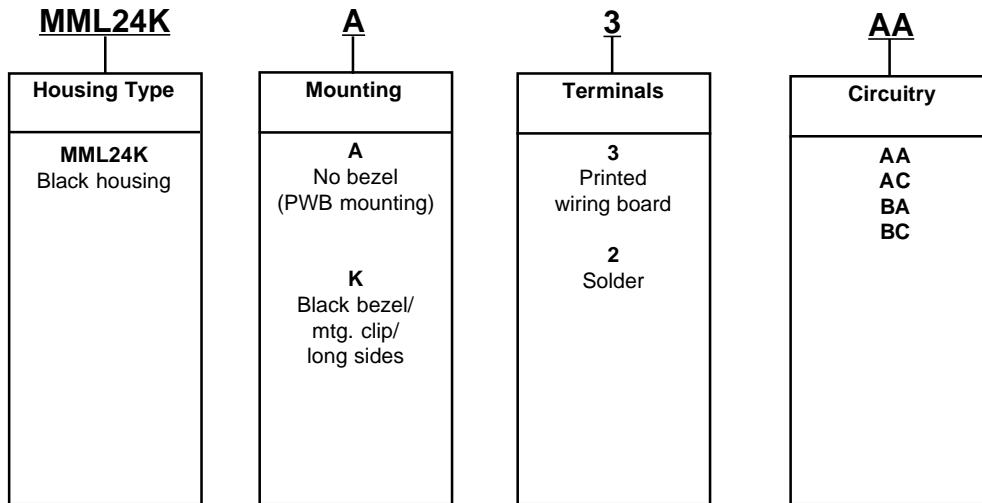
Electronic control rocker switch with black housing, printed wiring board terminals; one-pole, silver contacts; 2-position, maintained action; one-circuit ON in each position; black rocker, red lens for LED display in Side 1 and no lens in Side 2.

Discount **BE**

Schedule Qty.: **25** pieces/listing

Unclass.

### MML24 LED, INCANDESCENT, OR NON-LIGHTED DISPLAY ORDER GUIDE



\* Lighted switches with solder terminals require MML93R receptacle to install lamps or LEDs.

\*\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

# Honeywell Sensing and Control AML/MML Selection Guide

<b>01</b>	<b>H</b>	<b>DRXX</b>		<u>Leave this space blank, if legend not desired</u>
<b>Action</b>	<b>Rocker</b>	<b>Lens (Side 1)</b>	<b>Lens (Side 2)</b>	<b>Legend</b>
No Charge	<b>B</b> Black rocker  <b>H</b> Black rocker, one lens*  <b>F</b> White rocker, one lens*	<b>XX</b> None  LED display: <b>DR</b> Red <b>DY</b> Yellow <b>DG</b> Green  Incand. display: <b>LR</b> Red <b>LY</b> Yellow <b>LG</b> Green <b>LW</b> White	<b>XX</b> None  LED display: <b>DR</b> Red <b>DY</b> Yellow <b>DG</b> Green  Incand. display: <b>LR</b> Red <b>LY</b> Yellow <b>LG</b> Green <b>LW</b> White	<b>20</b> with legend  A \$6.00 recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.

\* Lighted switches with solder terminals require MML93R receptacle to install lamps or LEDs.

# Honeywell Sensing and Control AML/MML Selection Guide

## MML46 Indicators/flush mount\*\*

Example: **MML46KA3**

Indicator housing, rectangular (black); no bezel; support terminals

Example: **MML46KA3RSXXDR20**

As above, except furnished with red LED and red lens, with legend

Discount **BE**

Schedule Qty.: **25** pieces/listing  
Unclass.

### MML46 LED OR INCANDESCENT DISPLAY ORDER GUIDE

<b>MML46K</b>	<b>A</b>		<b>3</b>
Housing Type	Mounting Rectangular	Mounting Square	Support Posts
<p><b>MML46K Rectangular</b> (1 or 2 LEDs or incand. lamps) Black housing</p> <p><b>MML46H Square</b> (1 LED or incand. lamp) Black housing</p>	<p><b>A</b> No bezel (PWB mounting)</p> <p><b>K</b> Black bezel, mtg. clip/ long sides</p>	<p><b>A</b> No bezel (PWB mounting)</p> <p><b>R</b> Black bezel, mtg. clip/ long sides</p>	<p><b>3</b> PWB</p> <p><b>2</b> Solder** No charge</p> <p><b>0</b> None (for snap-in and strip/matrix mount) No charge</p>

\* LEDs are not permanently installed in square housings by Honeywell Sensing and Control.

\*\* Rectangular housings only

\*\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

## MML51 Button lenses/incandescent or non-lighted display\*\*

### MML51 ORDER GUIDE

<b>MML51E</b>	<b>20</b>	<b>R</b>
Lens Type	Display/Legend Type	Color
<p><b>Rectangular MML51E</b> Switch lens</p> <p><b>MML51G*</b> Indicator lens</p>	<p><b>10</b> No legend</p> <p><b>20</b> With Legend</p> <p>A \$6.00 recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.</p>	<p><b>R</b> Red</p> <p><b>Y</b> Yellow</p> <p><b>G</b> Green</p> <p><b>W</b> White</p> <p><b>K</b> Black (opaque)</p>

Discount **BE**  
Schedule Qty.: **25** pieces/listing  
Unclass.

Five piece minimum order quantity for buttons

Example:  
**MML51E20R**  
Incandescent or non-lighted display switch lens; red transmitted color, with legend. Unclassified.

\*\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

\* Use MML51E with MML41 rectangular pushbutton style indicators

# Honeywell Sensing and Control AML/MML Selection Guide

Order MML46 display options assembled to indicator by adding codes below.

**Leave this space blank, if legend not desired**

<b>RSXX</b>	<b>DR</b>	<b>20</b>		
<b>LED</b> (Stanley type)	<b>Lens</b>	<b>Legend</b>		
Available in rectangular housings only <b>XX</b> No LED  One LED*            Two LEDs* <b>RSXX</b> Red <b>RSRS</b> Red <b>YSXX</b> Yellow <b>YSYS</b> Yellow <b>GSXX</b> Green <b>GSGS</b> Green  * Permanently installed	<table border="1"> <tr> <td style="width: 50%;">                             For LED display   <b>DR</b> Red  <b>DY</b> Yellow  <b>DG</b> Green                         </td> <td style="width: 50%;">                             For incandescent or non-lighted display   <b>LR</b> Red  <b>LY</b> Yellow  <b>LG</b> Green  <b>LW</b> White  <b>LK</b> Black                         </td> </tr> </table>	For LED display  <b>DR</b> Red <b>DY</b> Yellow <b>DG</b> Green	For incandescent or non-lighted display  <b>LR</b> Red <b>LY</b> Yellow <b>LG</b> Green <b>LW</b> White <b>LK</b> Black	20 with legend  A \$6.00 recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.
For LED display  <b>DR</b> Red <b>DY</b> Yellow <b>DG</b> Green	For incandescent or non-lighted display  <b>LR</b> Red <b>LY</b> Yellow <b>LG</b> Green <b>LW</b> White <b>LK</b> Black			

Since square housings accept only one LED, only a two-character LED code is necessary.  
 For example:  
 MML46HR0XXDY or  
 MML46HR0RSDY

\* When ordering incandescent or non-lighted display, LED field must be XXXX.

## MML52 Button lenses/LED\*\*

### MML52 ORDER GUIDE

<b>MML52G</b>	<b>10</b>	<b>Y</b>	
<b>Lens Type</b>	<b>Display/Legend Type</b>	<b>Color/Illumination</b>	
<b>Rectangular</b> <b>MML52E</b> Switch lens LED display  <b>MML52G*</b> Indicator lens	<b>Trans. Color</b> <b>10</b> No legend  <b>20</b> With Legend  A \$6.00 recurring set up charge per legend. A one-time charge of \$70.00 applies to establish a new graphic legend.	<b>LED Display</b> <b>R</b> Red  <b>Y</b> Yellow  <b>G</b> Green  <b>C</b> Clear	Discount <b>BE</b> Schedule Qty.: <b>25</b> pieces/listing Unclass.  Five piece minimum order quantity for buttons  Example: <b>MML52G10Y</b> LED display indicator lens; yellow transmitted color, no legend. Unclassified.  <b>** NOTE:</b> Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

\* Use MML52E with MML41 rectangular pushbutton style indicators

# Honeywell Sensing and Control AML/MML Selection Guide

## MML72 Bezels/mounting clips\*

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

Ten piece minimum order quantity

Example:  
**MML72EEK**  
 Black switch bezel, mounting clips on long sides.

\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

## MML92 LEDs\*\*\*

Discount **BE**  
 Schedule Qty.: 25 pieces/listing  
 Unclass.

### MML92 ORDER GUIDE

LEDs should be the same color as the lenses they illuminate. They are packed 10 per listing, including stand-off spacers for use when solder terminating to a printed wiring board.

LED Type	Use to Illuminate	Catalog Listing	LED Color	Forward Characteristics Typ. @ 20mA	Max.	LED Manufacturers' Part Numbers
T-1-3/4	Rectangular button lens	MML92ERS	Red	1.7V	<b>Stanley:</b> 2.0V 2.5V 2.5V	ESBR5633
		MML92EGS	Green	2.1V		ESBG5633
		MML92EYS	Yellow	2.1V		ESAY5633
T-1	Square button lens and MML24 rocker lens**	MML92HGS	Green	2.1V	<b>Stanley:</b> 2.5V	ESPY3901
		MML92HRH	Red	2.2V*		<b>Hewlett Packard:</b> 3.0V 3.0V
		MML92HGH	Green	2.3V*	HLMP-1540	

Long lead: Anode (+), Short lead: Cathode (-).

\* @ 25 mA.

\*\* Also rectangular button lens, when used with MML93J solder terminal receptacle.

\*\*\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing

# Honeywell Sensing and Control AML/MML Selection Guide

## MML93 LED/Incandescent lamp receptacles\*

Discount BE  
Schedule Qty.: 25 pieces/listing  
Unclass.

### MML93 RECEPTACLE ORDER GUIDE

These receptacles do not include LEDs or lamps.

Receptacle Type	Catalog Listing	Mates With	Use to Illuminate
Printed Wiring Board	MML93K	T-1 3/4 LED	Rectangular button lens or umbrella button lens
	MML93G	T-1 LED or bi-pin lamp	Square button lens or MML24 rocker lens
Solder Terminal	MML93J	T-1 LED or bi-pin lamp	Rectangular button lens
Solder	MML93L	T-1 LED or unbased T-1 lamp	Square button lens
	MML93R	T-1 LED or unbased T-1 lamp	MML24 rocker lens

\* **NOTE:** Contact Customer Service for minimum quantity required to establish or reinstate a catalog listing