Honeywell

AML51 Series

Buttons/Lens for Switches and Indicators

DESCRIPTION

Honeywell's AML51 Series buttons/lens for switches and indicators have an attractive appearance and are easy to install. They are designed to achieve the best balance of human factors and aesthetic appearance. With the operator height and the compatibility of square and rectangular shapes, there's no visual clutter to distract from man/machine communication. Colors are bright and uniform, providing a strong definition and good visibility.

FEATURES

- Constructed from polycarbonate for ruggedness and durability
- Square and rectangle shaped buttons and lenses offered
- Display types with and without legend include transmitted color, dead front, and projected color
- Variety of colors (both lit and unlit), including red, yellow, green, blue, white, black, gray and amber

POTENTIAL APPLICATIONS

Manual operations, including control boards and panels in

- Industrial and test equipment
- Computer mainframes and peripherals
- Process control
- Medical instrumentation

AML51 Series

PRODUCT NOMENCLATURE – Pushbutton

For Incandescent or non-lighted display switches and pushbutton style indicators.

For example, a **AML51-C10R** part number defines a full-color, red, square AML51 Series Pushbutton, with transmitted color and no legend.

AML51 — Product Series: **AML51**

C — Pushbutton Style[1]

Switches and Indicators

C	F	G	
A	H	N*	
B*	E*	M*	
R*			

Indicators only[2]

D

[1] For Incandescent or non-lighted display switches and pushbutton style indicators.
[2] For use with AML41D indicators only.

*Available with transmitted color (10 or 20) only.
**Available with transmitted color and dead front only.
***Black and gray not recommended for lighted display.
****Insert is clear for projected color when "W" is used.

10 — Display Legend/Type

Transmitted Color

10	No legend
20	With legend on cap

Transmitted Color *Clear cap and color insert*

11	No legend
21	With legend on insert

Dead Front *Smoky gray cap and color insert*

30	No legend
40	With legend on insert

Projected Color**** *White cap and color insert*

50	No legend
60	With legend on cap

R — Full Color or 1st Color Split

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

- — 2nd Color Split

	None
R	Red
Y	Yellow
G	Green
B	Blue
W****	White
K***	Black
L***	Gray
A**	Amber

PRODUCT NOMENCLATURE – Lens

For incandescent display AML41J, K, and L lens style indicators only.

For example, a **AML51-J10R** part number defines a full-color, red, rectangular AML51 Series Lens, with transmitted color and no legend.

AML51 — Product Series: **AML51**

J — Lens Style[1]

J
K
L

[1] For incandescent display AML41J, K, and L lens style indicators only.

10 — Display Legend/Type

Transmitted Color

10	No legend
20	With legend

Transmitted Color *Clear cap and color insert*

11	No legend
21	With legend

Dead Front *Smoky gray cap and color insert*

30	No legend
40	With legend

Projected Color* *White cap and color insert*

50	No legend
60	With legend

R — Full Color or 1st Color Split

R	Red
Y	Yellow
G	Green
B	Blue
W*	White
A**	Amber

- — 2nd Color Split

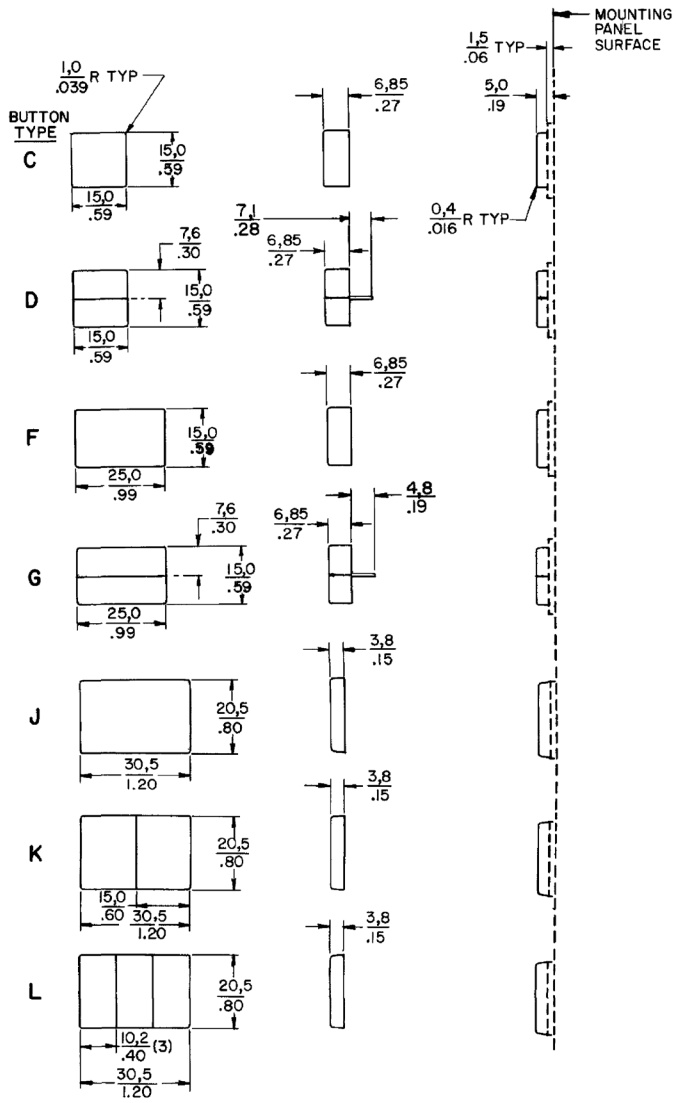
	None
R	Red
Y	Yellow
G	Green
B	Blue
W*	White
A**	Amber

- — 3rd Color Split

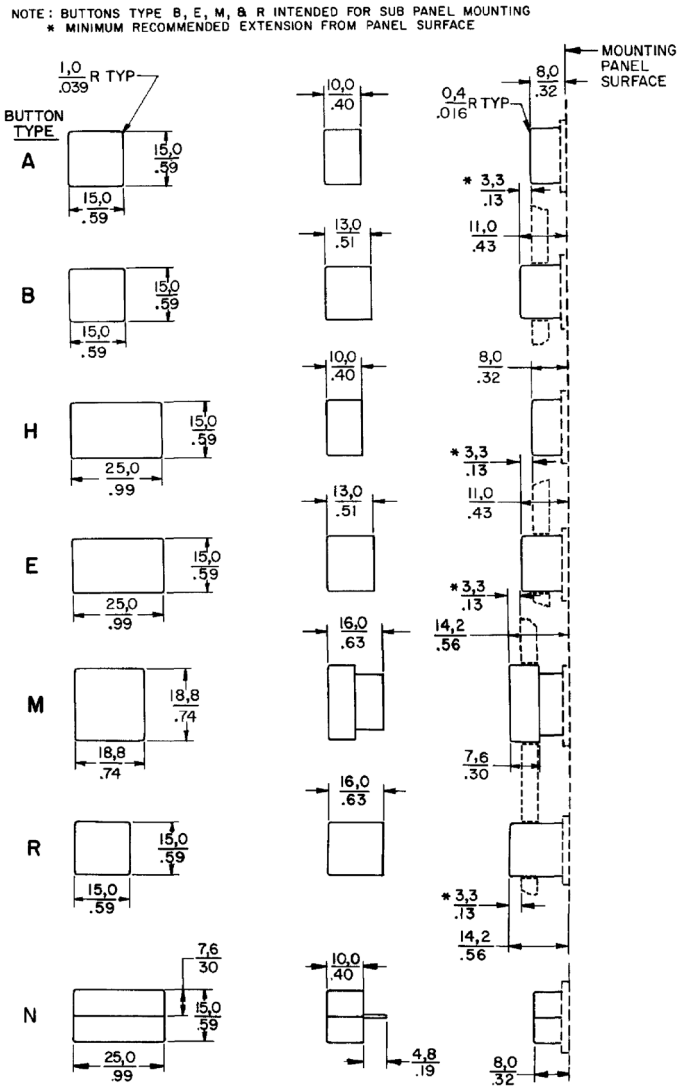
	None
R	Red
Y	Yellow
G	Green
B	Blue
W*	White
A**	Amber

*Insert is clear for projected color when "W" is used.
**Available with transmitted color and dead front only.

DIMENSIONS – Standard



DIMENSIONS – Extended



This Honeywell datasheet supports the following MICRO SWITCH™ AML51 Series Listings

AML51-C10B
AML51-C10G
AML51-C10K
AML51-C10R
AML51-C10W
AML51-C10Y
AML51-C11W
AML51-F10G
AML51-F10R
AML51-F10W
AML51-R10W
AML51-R20R

Warranty. Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement 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 it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all 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 we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer 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 printing. However, we assume no responsibility for its use.

⚠ WARNING

MISUSE OF DOCUMENTATION

- The information presented in this datasheet is for reference only. DO NOT USE this document as product installation information.
- 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.

⚠ 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.

Find out more

Honeywell serves its customers through a worldwide network of sales offices, representatives and distributors. For application assistance, current specifications, pricing or name of the nearest Authorized Distributor, contact your local sales office. To learn more about Honeywell's sensing and control products, call **+1-815-235-6847/ 1-800-537-6945**, visit **sensing.honeywell.com,** or e-mail inquiries to **info.sc@honeywell.com**

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