

To order lamps see page 58.

FEATURES

- Pushbutton style indicators match display of standard bezel lighted switches. Choice of incandescent or LED illumination.
- Lens style indicators use a special cap-like button which covers the bezel to present a larger display area, without affecting family appearance. Up to 3-lamp split screen capability. Incandescent illumination.



AML41
(Use AML51 push-buttons only.
Page 42.)



AML41
(Use AML51-J/-K/-L lens buttons only.
Page 42.)

AML41 INCANDESCENT DISPLAY INDICATORS ORDER GUIDE

AML41 C		B	A	2
Housing Type		Bezel Color	Incand. Lamp Type	Terminal Type
Pushbutton Style:	Lens Style:			
AML41 C Square 1 lamp ckt.	AML41 J Rectangular 1 lamp ckt.	B Black	A No lamp installed	2 .110 × .020 (Solder or Quick-Connect)
AML41 D Square 2 lamp ckts.	AML41 K Rectangular 2 lamp ckts.		B 6 V Lamp*	3 .025 × .025 (Printed Circuit or Push-On)
AML41 F Rectangular 1 lamp ckt.	AML41 L Rectangular 3 lamp ckts.		C 14 V Lamp*	
AML41 G Rectangular 2 lamp ckts.			E 28 V Lamp*	

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

Examples:

AML41CBA2

Square (pushbutton style) indicator housing with one lamp circuit; black bezel; .110 × .020 termination.

AML41JBA2

Rectangular (lens style) indicator housing with one lamp circuit; black bezel; .110 × .020 termination.



AML42C
(Use AML52-C/-A pushbuttons only.
Page 43.)



AML42S

AML42 LED DISPLAY INDICATORS ORDER GUIDE

LEDs are not replaceable.

AML42 S		B	C	2
Housing Type	Bezel Color	LED Color/Voltage	Terminal Type/Diode Protection	
AML42 C Square 1 LED	B Black	Red B V* C 5 V D 10 V E 15 V F 24 V	2 .110 × .020 (Solder or Q.C.)	
AML42 S Compact 1 LED	Yellow H V* J 5 V K 10 V L 15 V M 24 V	Green R V* S 5 V T 10 V W 15 V X 24 V	3 .025 × .025 (Printed Circuit or Push-On)	8 .110 × .020 w/diode to protect LED 9 .025 × .025 w/diode to protect LED

Example: AML42SBC2

Compact indicator with black bezel; 5 volt red LED; .110 × .020 termination.

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

Manual Switches
Mounting Dimensions (For Reference Only)

AML11/12 and 21/22 SWITCHES
AML41C/D and AML42C INDICATORS

PUSHBUTTONS

LED Display

Non-illuminated or Incandescent Lamp Display

Non-illuminated or Incandescent Lamp Display

For terminal locations, see page 61.

Note: Top of full guard bezel housing
.19/5,0 from panel.

AML27 SWITCHES

KEYLOCK

For terminal locations, see page 62.

AML14/16 and AML24/26 SWITCHES

ROCKERS

LED Display

Non-Illuminated or Incandescent Lamp Display

For terminal locations, see page 61, 62.

AML13/15 and 23/25 SWITCHES

PADDLES

LED Location Same as Rocker

For terminal locations, see page 61, 62.

AML41 INDICATOR
LENS STYLE

AML42 INDICATOR
MINIATURE

NOTE

1 Dimensions are mm or mm/IN

IN

For terminal locations, see page 62.

TERMINAL TYPES

Solder or Quick Connect

Printed Circuit

Solder Hole will accept two #22 AWG Stranded Conductor (per NEMA publication DC-2 1976)

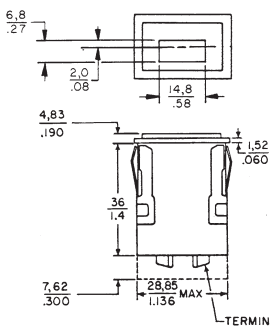
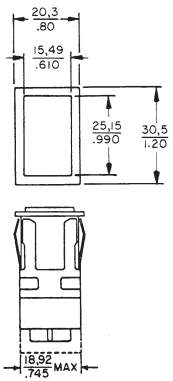
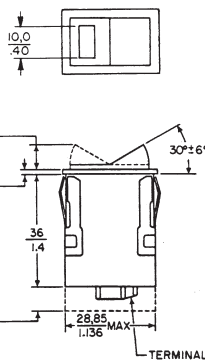
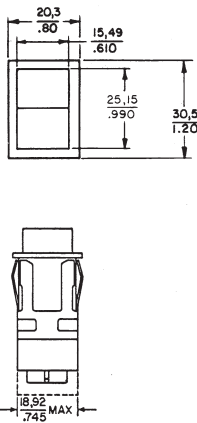
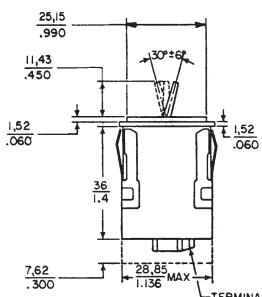
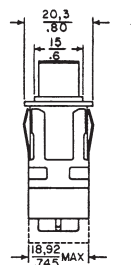
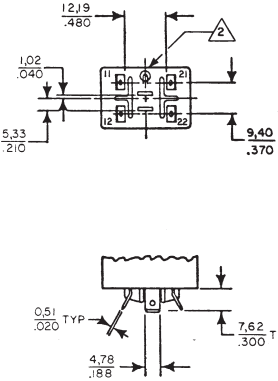
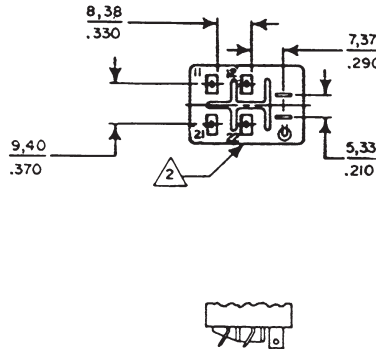
Manuals

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Manual Switches

Mounting Dimensions (For Reference Only)

AML Series

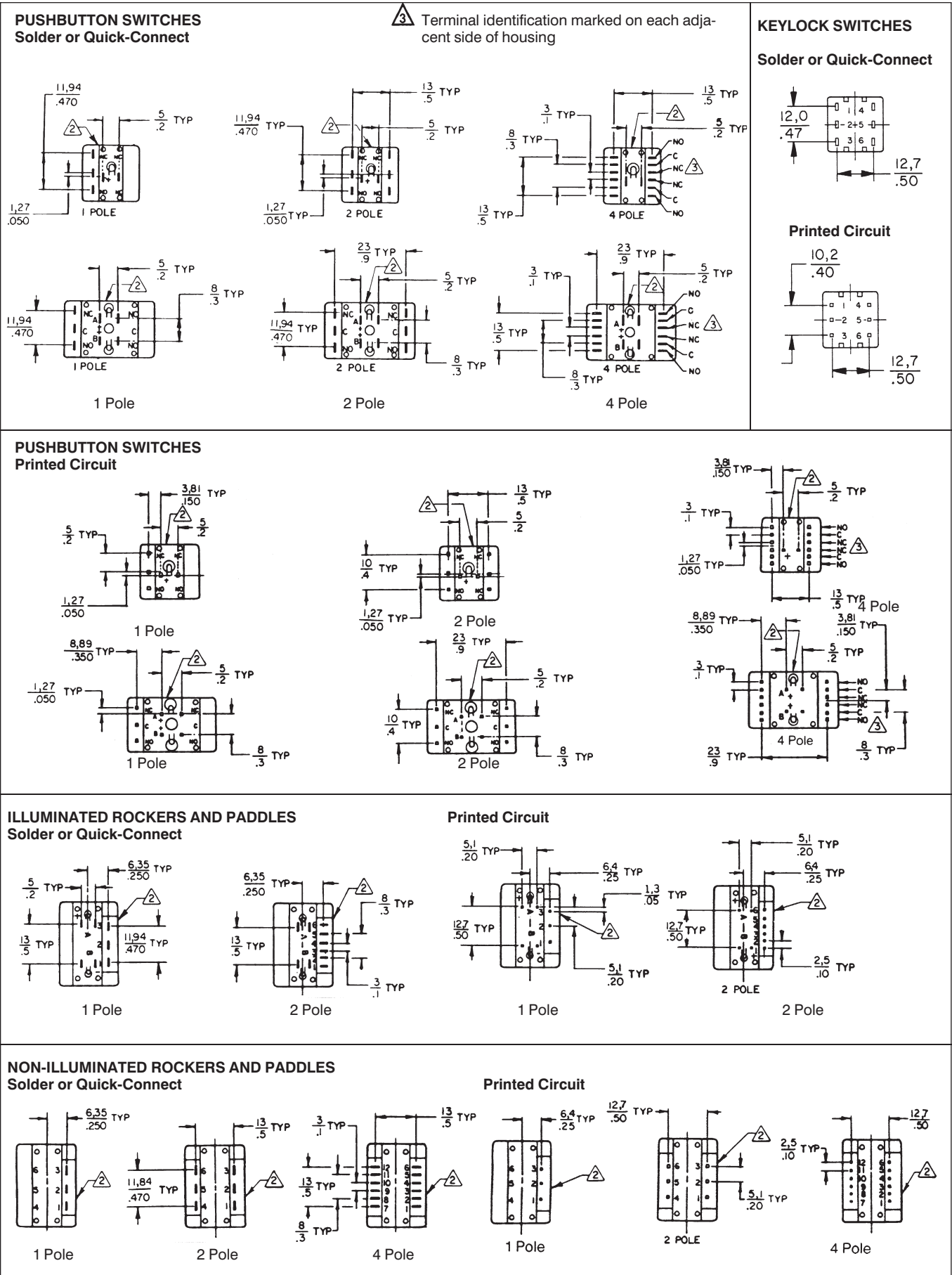
AML31/32 SWITCHES PUSHBUTTON Neon Display  Neon Display dimensions: 6.8 (.27) top, 2.0 (.08) offset, 4.83 (.190) height, 14.8 (.58) width, 36 (1.4) mounting hole spacing, 7.62 (.300) base, 28.85 (1.136) MAX terminal barrier. Non-illuminated or Incandescent Lamp Display  Non-illuminated or Incandescent Lamp Display dimensions: 20.3 (.80) top, 15.49 (.610) offset, 25.15 (.990) height, 30.5 (1.20) width, 18.92 (.745) MAX terminal barrier.	AML34/36 SWITCHES ROCKER Neon Display  Neon Display dimensions: 10.0 (.40) top, 7.37 (.290) height, 1.52 (.060) offset, 36 (1.4) mounting hole spacing, 7.62 (.300) base, 28.85 (1.136) MAX terminal barrier. Non-illuminated or Incandescent Lamp Display  Non-illuminated or Incandescent Lamp Display dimensions: 20.3 (.80) top, 15.49 (.610) offset, 25.15 (.990) height, 30.5 (1.20) width, 18.92 (.745) MAX terminal barrier.
AML33/35 SWITCHES PADDLE Neon Location Same as Rocker  Neon Location Same as Rocker dimensions: 25.15 (.990) top, 11.43 (.450) offset, 1.52 (.060) height, 36 (1.4) mounting hole spacing, 7.62 (.300) base, 28.85 (1.136) MAX terminal barrier. Non-illuminated or Incandescent Lamp Display  Non-illuminated or Incandescent Lamp Display dimensions: 20.3 (.80) top, 15.49 (.610) offset, 25.15 (.990) height, 30.5 (1.20) width, 18.92 (.745) MAX terminal barrier.	TERMINAL LOCATIONS PUSHBUTTON  Pushbutton terminal locations: 12.19 (.480) top, 1.02 (.040) offset, 5.33 (.210) height, 9.40 (.370) width, 0.51 (.020) TYP base, 4.78 (.188) TYP base. ROCKER AND PADDLE  Rocker and Paddle terminal locations: 8.38 (.330) top, 7.37 (.290) height, 9.40 (.370) width, 5.33 (.210) height, 7.62 (.300) TYP base.

Manual Switches

Mounting Dimensions (For Reference Only)

AML Series

TERMINAL LOCATIONS FOR AML20 SWITCHES



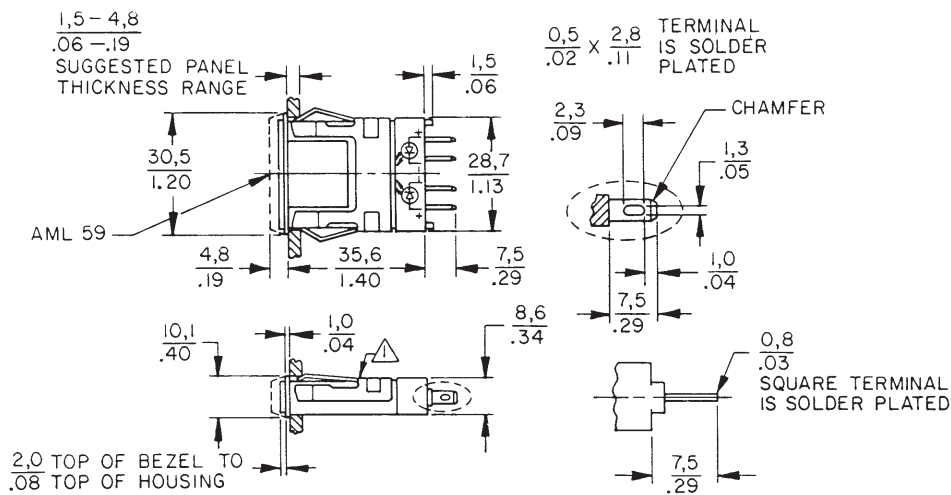
Manual Switches

Mounting Dimensions (For Reference Only)

AML Series

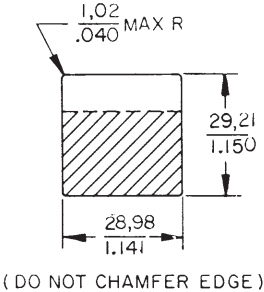
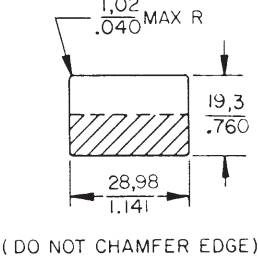
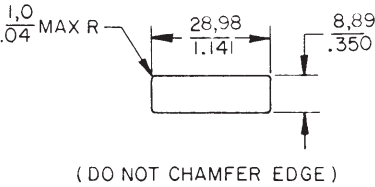
ANNUNCIATORS

AML45 SERIES



PANEL CUTOUT FOR MOUNTING TWO ANNUNCIATORS IN ONE CUTOUT (USING ONE 30PAI-AML)

PANEL CUTOUT FOR AML 45 ABUTTING AML SWITCH (USING ONE 30PAI-AML)



 Manufacturer's logo on this side of housing

For panel punch manufacturer, see page 60.

Manuals

Manual Switches

Mounting Dimensions (For Reference Only)

AML Series

MULTI-STATION FRONT-PANEL MOUNTING

Panel cutouts (See page 61 for panel punch manufacturer.)

Square Switches & Indicators	Rect. Switches & Indicators	Annunciator
(.8) (No. of units) — .045* (20,3) (No. of units) — 1,14*	(1.20) (No. of units) — .045* (30,5) (No. of units) — 1,14*	(.40) (No. of units) — .045* (10,1) (No. of units) — 1,14*

For each barrier, add .053/1,35

* Note: If barriers are used, do not subtract .045 in./1,14 mm from the panel cutout formula. (.045 in./1,14mm is the allowance for the width of the bezel.)

AML61 MULTI-STATION SUBPANEL MOUNTING

Panel cutouts for AML61

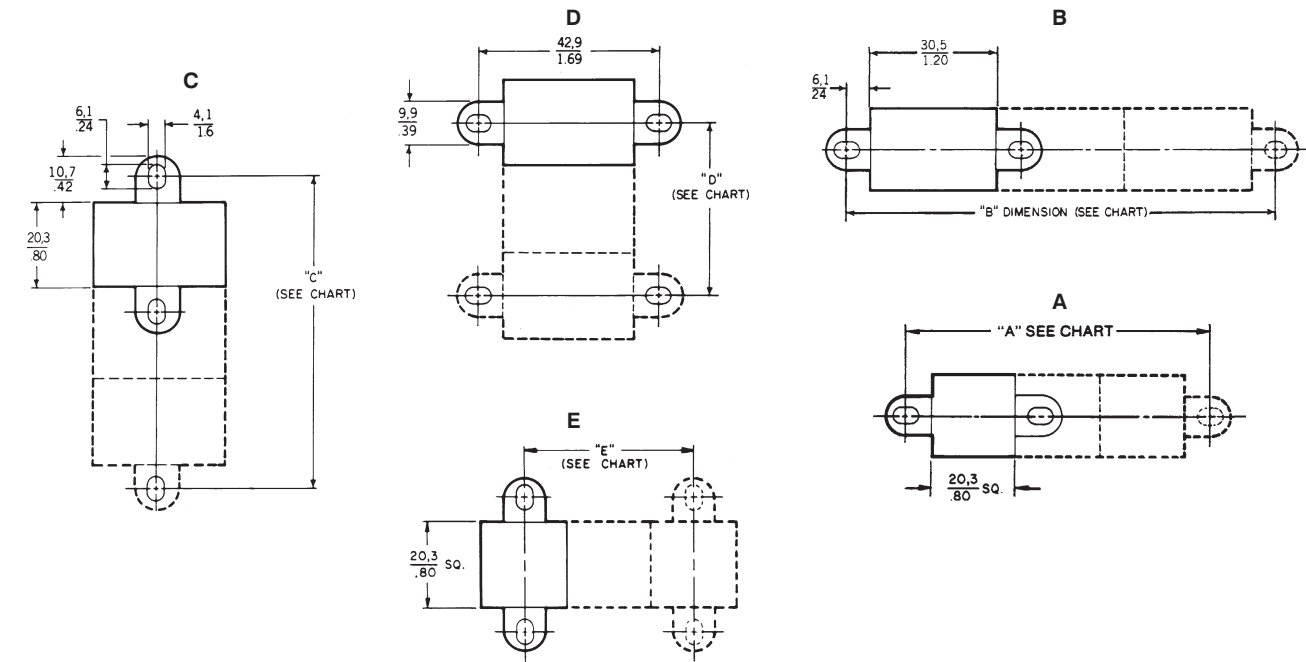
Mounting Bracket Orientation	Width	Length
A* in. mm	.810 20,57	(.810)(No. of units)
B in. mm	.810 20,57	(1.210)(No. of units)
C or D* in. mm	1.210 27,94	(.810)(No. of units)

* More than two cans with mounting brackets required for strips of more than 10 units.

AML61 MOUNTING CENTERS

Mounting Bracket Orientation		Mounting Centers/Number of Cans											
		1	2	3	4	5	6	7	8	9	10	11	12
"A" or "C"	in. mm	1.285 32,64	2.095 53,21	2.905 73,79	3.715 94,36	4.525 114,94	5.335 135,51	6.145 156,08	6.955 176,66	7.765 197,23	8.575 217,81	9.385 238,38	10.195 258,95
"B"	in. mm	1.685 42,80	2.895 73,53	4.105 104,27	5.315 135,00	6.525 165,74	7.735 196,48	8.945 227,20	10.155 257,94				
"D" or "E"	in. mm	on C _L on C _L	.807 20,50	1.614 41,00	2.421 61,49	3.228 81,99	4.035 102,49	4.842 122,99	5.649 143,48	6.456 163,98	7.263 184,48	8.070 204,98	8.877 225,48

Tolerance = ±.015

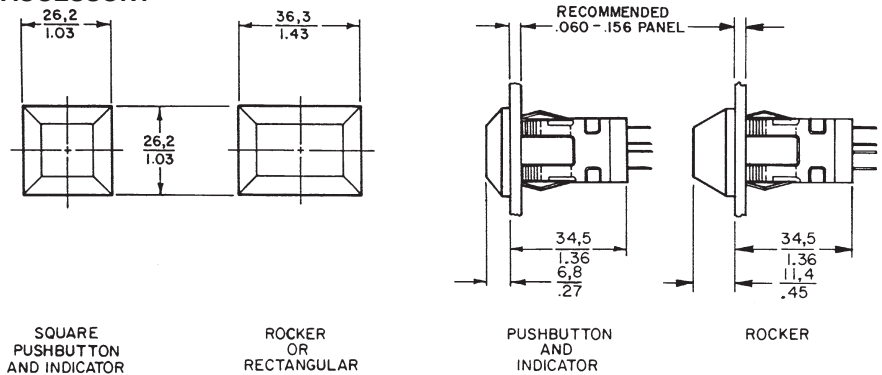


Manual Switches

Mounting Dimensions (For Reference Only)

AML Series

AML75 PANEL SEAL ACCESSORY

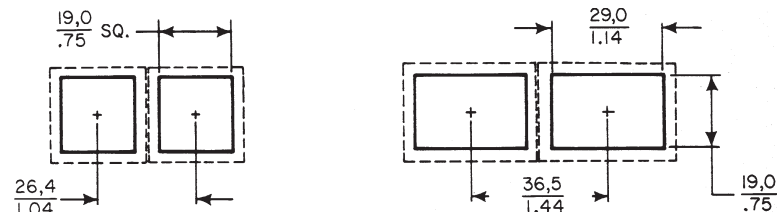


Panel cutouts

Multiple panel sealed units should not be mounted together in a single elongated slot, since this would create an unsealed space between each unit.

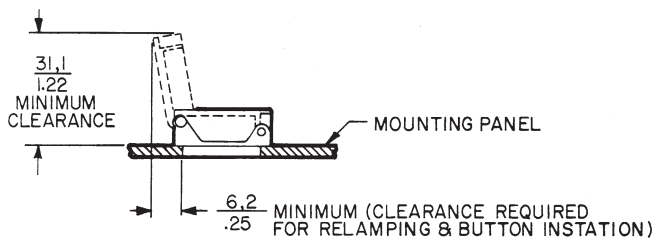
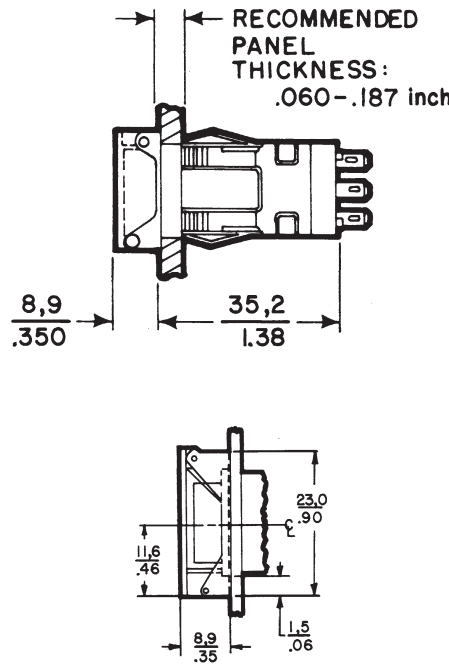
Side-by-side mounting can be achieved, per the center-to-center dimensions shown in the drawing. (Dotted lines indicate the seal bases which are abutting at front of panel.)

AML75 seals are not designed for use with the AML61 mounting system.

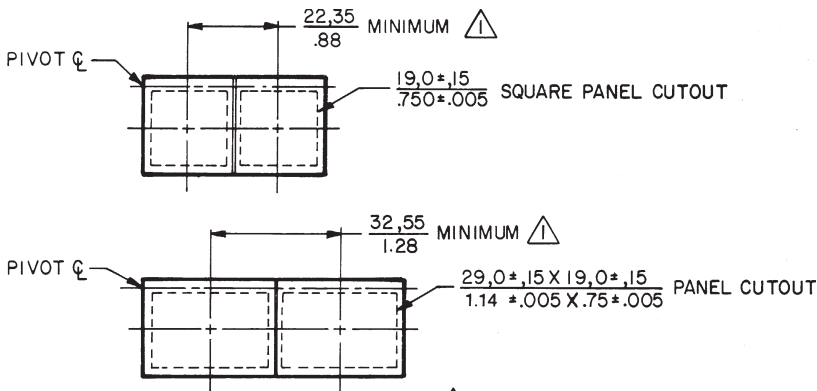


NOTE: Suggested cutout dimensions are based on an .125"/3,18 mm panel thickness. Individual preferences for inpanel fit may require measurement of assemblies before panels are cut.

AML76 SWITCH GUARD ACCESSORY



PANEL CUTOUTS



MINIMUM DIMENSION ALLOWED FOR MOUNTING GUARDS SIDE BY SIDE

Manuals