

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.

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

For terminal locations, see page 62.

AML42 INDICATOR

MINIATURE

For terminal locations, see page 62.

NOTE

1 Dimensions are mm or mm/IN

IN

TERMINAL TYPES

Solder or Quick Connect

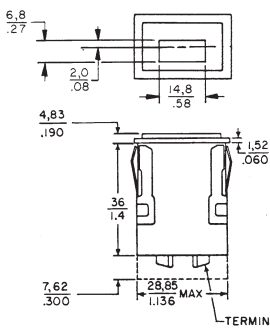
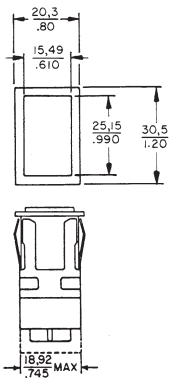
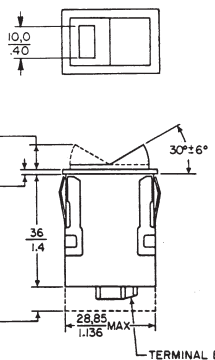
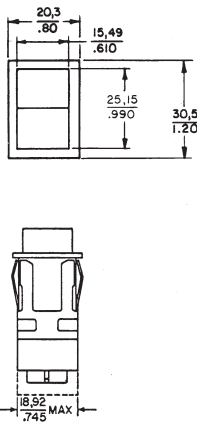
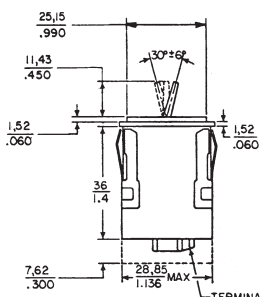
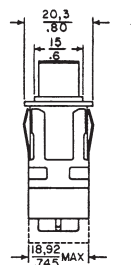
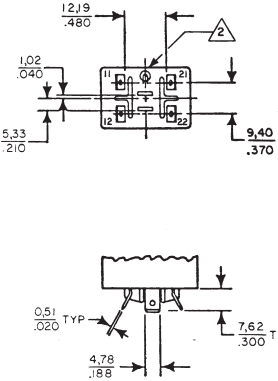
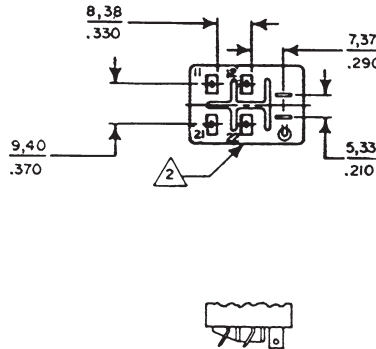
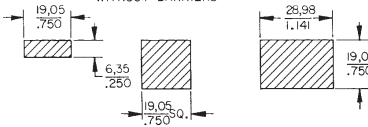
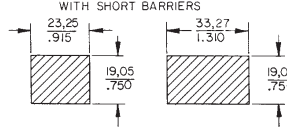
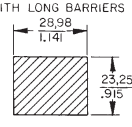
Printed Circuit

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

# Manual Switches

## Mounting Dimensions (For Reference Only)

AML Series

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>AML31/32 SWITCHES</div><div>PUSHBUTTON</div><div><div>Neon Display</div><p>Neon Display Pushbutton mounting dimensions: 6.8/.27, 2.0/.08, 4.83/.190, 14.8/.58, 1.52/.060, 36/1.4, 7.62/.300, 28.85 MAX, 1.136 MAX, TERMINAL BARRIER.</p></div><div><div>Non-illuminated or Incandescent Lamp Display</div><p>Non-illuminated or Incandescent Lamp Display Pushbutton mounting dimensions: 20.3/.80, 15.49/.610, 25.15/.990, 30.5/1.20, 18.92 MAX, 1.745 MAX.</p></div></div> | <div><div>AML34/36 SWITCHES</div><div>ROCKER</div><div><div>Neon Display</div><p>Neon Display Rocker mounting dimensions: 10.0/.40, 7.37/.290, 1.52/.060, 36/1.4, 7.62/.300, 28.85 MAX, 1.136 MAX, TERMINAL BARRIER.</p></div><div><div>Non-illuminated or Incandescent Lamp Display</div><p>Non-illuminated or Incandescent Lamp Display Rocker mounting dimensions: 20.3/.80, 15.49/.610, 25.15/.990, 30.5/1.20, 18.92 MAX, 1.745 MAX.</p></div></div>                                                                                                                                                                                                                                                                                                            |
| <div><div>AML33/35 SWITCHES</div><div>PADDLE</div><div><div>Neon Location Same as Rocker</div><p>Neon Location Same as Rocker Paddle mounting dimensions: 25.15/.990, 11.43/.450, 1.52/.060, 36/1.4, 7.62/.300, 28.85 MAX, 1.136 MAX, TERMINAL BARRIER.</p></div><div><p>Paddle mounting dimensions: 20.3/.80, 15.49/.610, 18.92 MAX, 1.745 MAX.</p></div></div>                                                                                                                     | <div><div>TERMINAL LOCATIONS</div><div><div>PUSHBUTTON</div><p>Pushbutton terminal locations: 12.19/.480, 1.02/.040, 5.33/.210, 9.40/.370, 0.51/.020 TYP, 4.78/.188, 7.62/.300 TYP.</p></div><div><div>ROCKER AND PADDLE</div><p>Rocker and Paddle terminal locations: 8.38/.330, 7.37/.290, 9.40/.370, 5.33/.210.</p></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <div><div>NOTES</div><div>1 Dimensions are mm or mm/IN</div><div>2 Manufacturers logo on this side of housing</div><div>Solder Hole Will Accept One #14 AWG Stranded Conductor (Per NEMA Publication DC-2 1976)</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                             | <div><div>PANEL CUTOUT FOR SINGLE-STATION FRONT-OF-PANEL MOUNTING</div><div><div>WITHOUT BARRIERS</div><p>Panel cutout without barriers: 19.05/.750, 6.35/.250, 28.98/1.141, 19.05/.750.</p></div><div><div>WITH SHORT BARRIERS</div><p>Panel cutout with short barriers: 23.25/.915, 19.05/.750, 33.27/1.310, 19.05/.750.</p></div><div><div>WITH LONG BARRIERS</div><p>Panel cutout with long barriers: 28.98/1.141, 23.25/.915.</p></div><div><div>Recommended panel thickness: .060-.187/1,52-4,75</div><div><div>PANEL PUNCH FOR AML SERIES</div><div>A panel punch is manufactured by Greenlee-Textron Tool Co., Rockford, IL (815-926-3011).</div></div></div></div> |

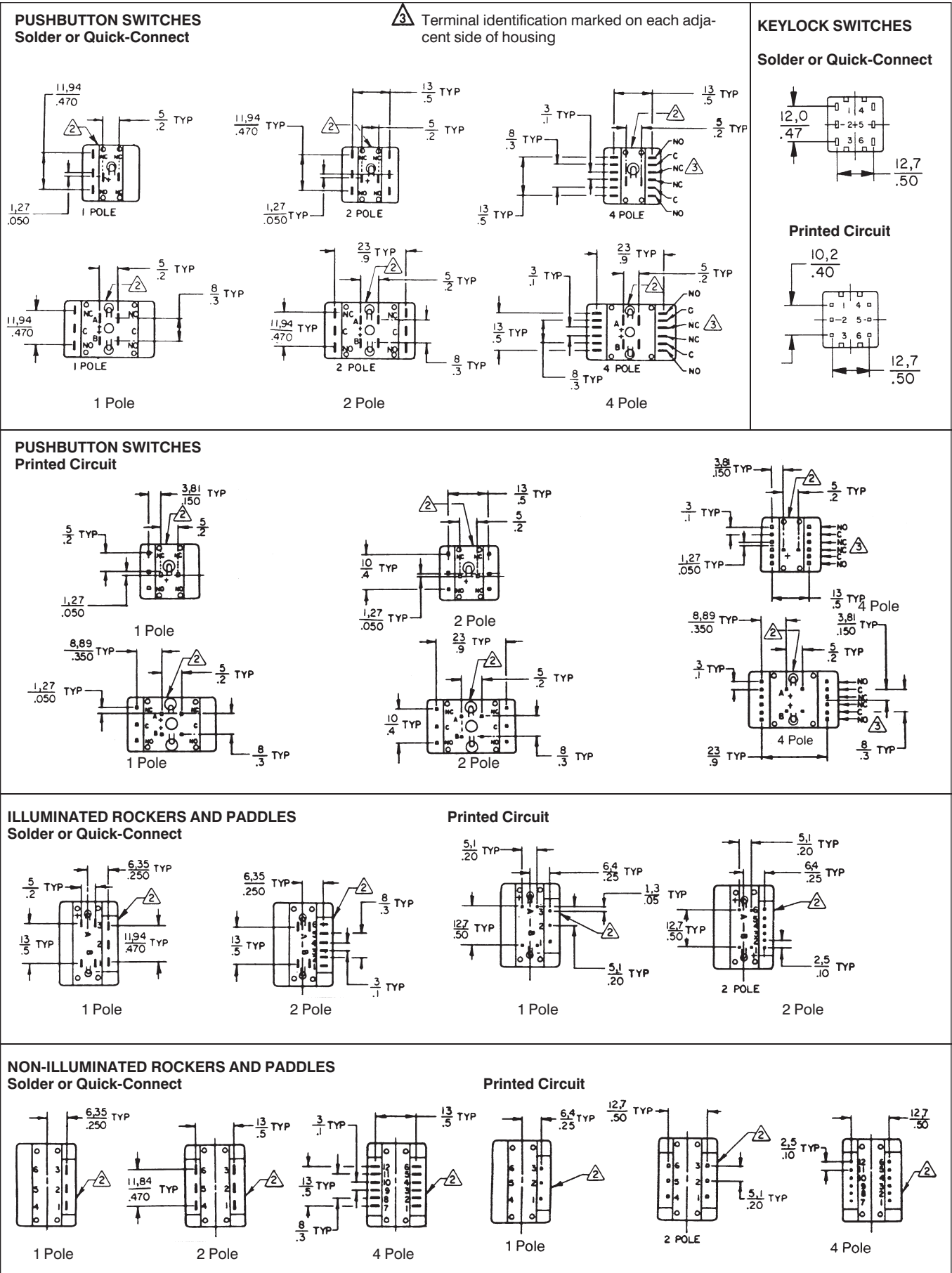


# Manual Switches

## Mounting Dimensions (For Reference Only)

AML Series

### TERMINAL LOCATIONS FOR AML20 SWITCHES



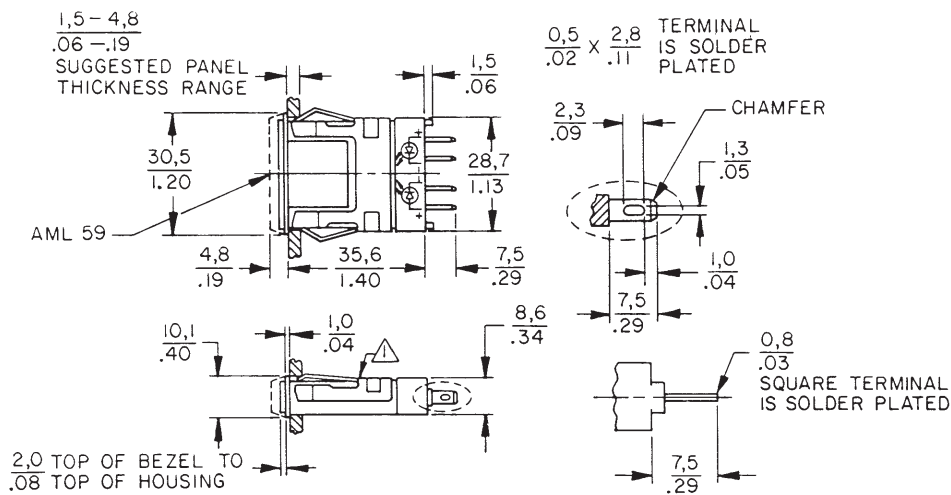
# Manual Switches

## Mounting Dimensions (For Reference Only)

AML Series

### ANNUNCIATORS

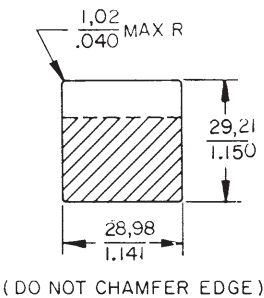
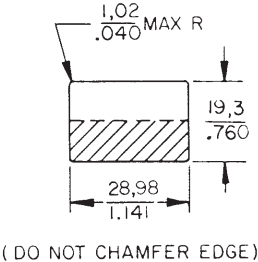
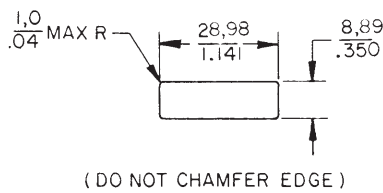
#### AML45 SERIES



PANEL CUTOUT

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

Manuals

For panel punch manufacturer, see page 60.

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*<br>(20,3) (No. of units) — 1,14* | (1.20) (No. of units) — .045*<br>(30,5) (No. of units) — 1,14* | (.40) (No. of units) — .045*<br>(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

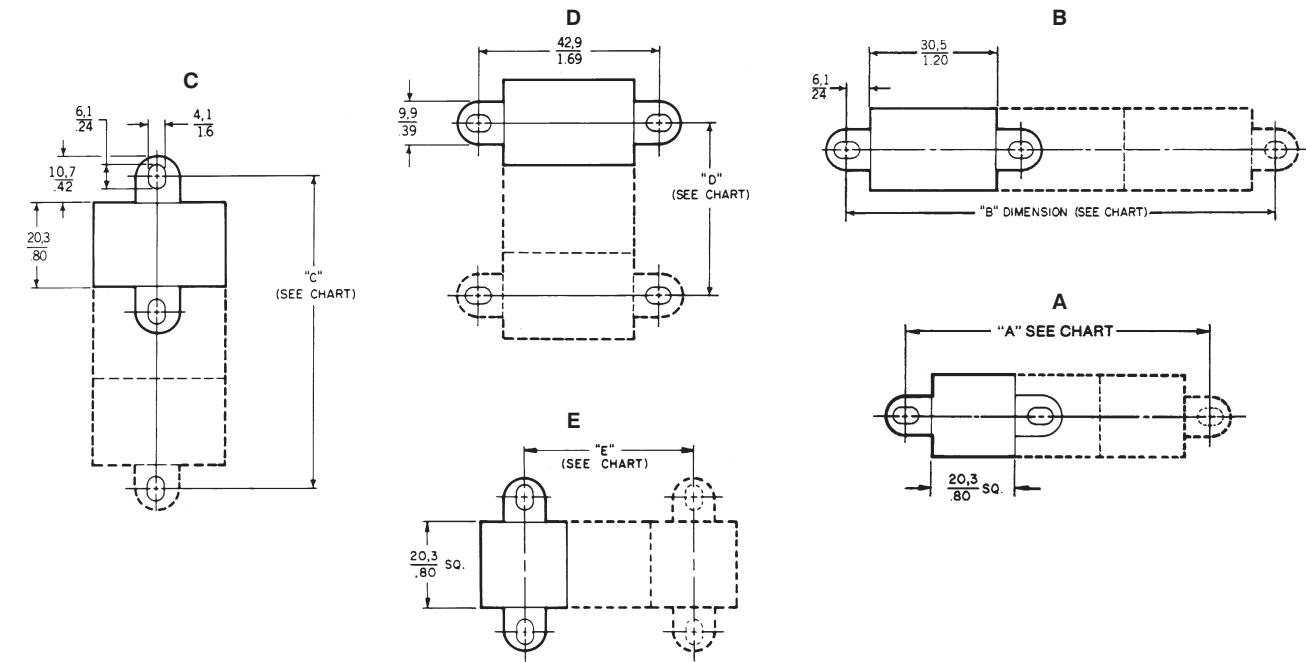
| Mounting Bracket Orientation | Width          | Length                |
|------------------------------|----------------|-----------------------|
| A*<br>in.<br>mm              | .810<br>20,57  | (.810)(No. of units)  |
| B<br>in.<br>mm               | .810<br>20,57  | (1.210)(No. of units) |
| C or D*<br>in.<br>mm         | 1.210<br>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.<br>mm | 1.285<br>32,64                         | 2.095<br>53,21 | 2.905<br>73,79  | 3.715<br>94,36  | 4.525<br>114,94 | 5.335<br>135,51 | 6.145<br>156,08 | 6.955<br>176,66  | 7.765<br>197,23 | 8.575<br>217,81 | 9.385<br>238,38 | 10.195<br>258,95 |
| "B"                          | in.<br>mm | 1.685<br>42,80                         | 2.895<br>73,53 | 4.105<br>104,27 | 5.315<br>135,00 | 6.525<br>165,74 | 7.735<br>196,48 | 8.945<br>227,20 | 10.155<br>257,94 |                 |                 |                 |                  |
| "D" or "E"                   | in.<br>mm | on C <sub>L</sub><br>on C <sub>L</sub> | .807<br>20,50  | 1.614<br>41,00  | 2.421<br>61,49  | 3.228<br>81,99  | 4.035<br>102,49 | 4.842<br>122,99 | 5.649<br>143,48  | 6.456<br>163,98 | 7.263<br>184,48 | 8.070<br>204,98 | 8.877<br>225,48  |

Tolerance = ±.015

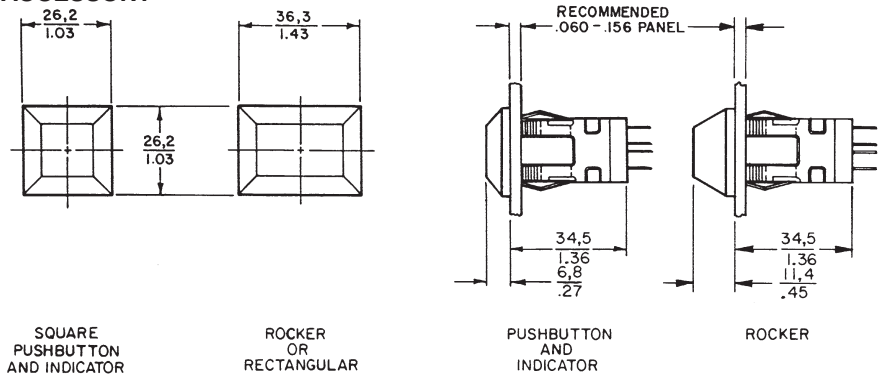


# Manual Switches

## Mounting Dimensions (For Reference Only)

AML Series

### AML75 PANEL SEAL ACCESSORY

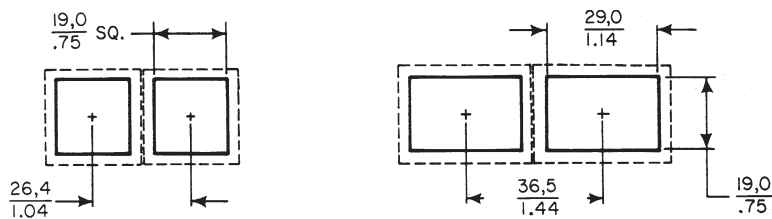


### Panel cutouts

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

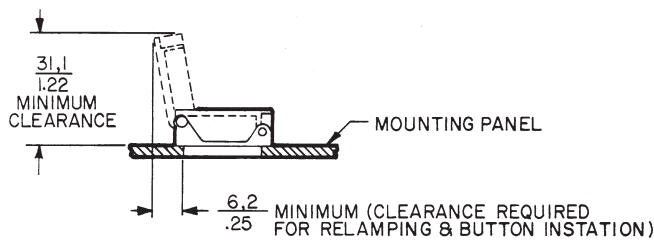
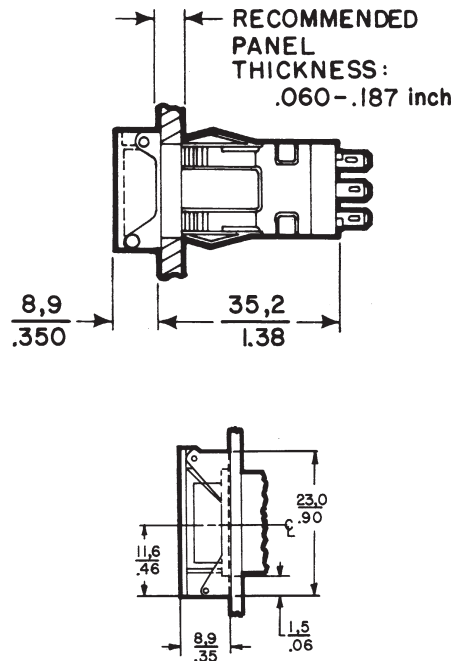
Side-by-side mounting can be achieved, per the center-to-center dimensions shown in the drawing. (Dotted lines indicate the seal bases which are abutting at front of panel.)

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

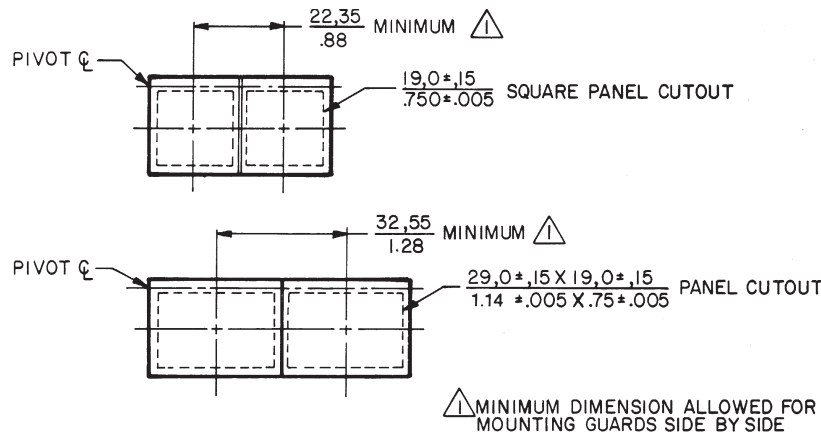


NOTE: Suggested cutout dimensions are based on an .125"/3,18 mm panel thickness. Individual preferences for inpanel fit may require measurement of assemblies before panels are cut.

### AML76 SWITCH GUARD ACCESSORY



### PANEL CUTOUTS



Manuals