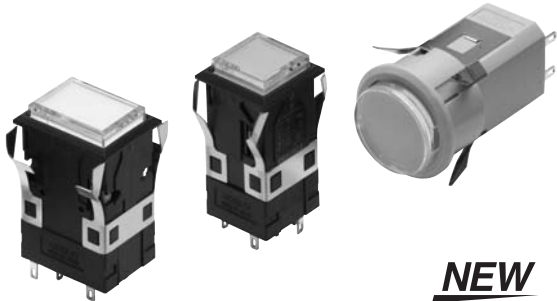


# Lighted Pushbutton Switch (Square) Ultra Bright LED Type A3P

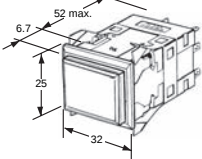
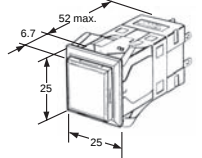
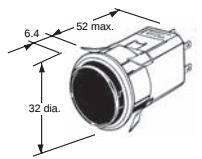
## Large Square-bodied Lighted Pushbutton Switches New models added with Ultra LEDs.

- New models with ultra bright LEDs added to single-screen models.
- Previous models not changed.  
Line up of models in seven colors (the previous red, orange, green, and white models, and the new yellow, blue, and pure white models).
- Popular maintenance lock added.



 Refer to *Safety Precautions for All Pushbutton Switches/Indicators* and *Safety Precautions* in the A3P datasheet.

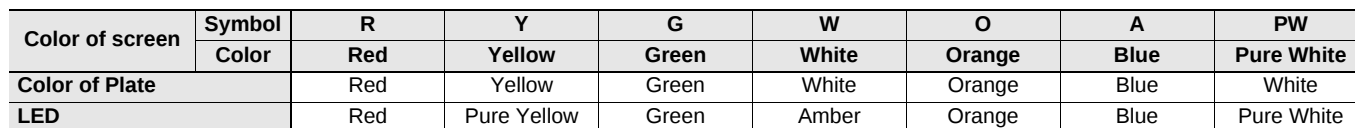
## List of Models

| Model                 | Appearance                                                                          |
|-----------------------|-------------------------------------------------------------------------------------|
| A3PJ<br>(Rectangular) |  |
| A3PA<br>(Square)      |  |
| A3PT<br>(Round)       |  |

## Model Number Structure

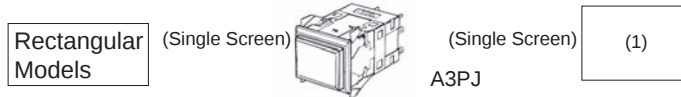
The model numbers used to order sets of Units are illustrated below. One set comprises the Pushbutton, Lamp, and Switch.

For information on combinations, refer to *Ordering Information* on pages page 3 and 4.



## Ordering Information

**Ordering as a Set** ..... The model numbers used to order sets of Units are given in the following tables. One set comprises the Pushbutton, Lamp, and Switch.  
(Not all combinations are possible. Ask your OMRON representative for details.)



| Contact type   | No. of outputs | Lighting method<br>Pushbutton color symbol  | Operation<br>Case color | Momentary operation (Self-resetting) |                   | Alternate operation (Self-holding) |                   |
|----------------|----------------|---------------------------------------------|-------------------------|--------------------------------------|-------------------|------------------------------------|-------------------|
|                |                |                                             |                         | Black                                | Light gray        | Black                              | Light gray        |
| Standard Loads | SPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PJ-90A11-05A(1)                    | A3PJ-90A12-05A(1) | A3PJ-90B11-05A(1)                  | A3PJ-90B12-05A(1) |
|                |                |                                             | 12 VAC/DC               | A3PJ-90A11-12A(1)                    | A3PJ-90A12-12A(1) | A3PJ-90B11-12A(1)                  | A3PJ-90B12-12A(1) |
|                |                |                                             | 24 VAC/DC               | A3PJ-90A11-24A(1)                    | A3PJ-90A12-24A(1) | A3PJ-90B11-24A(1)                  | A3PJ-90B12-24A(1) |
|                | DPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PJ-90C11-05A(1)                    | A3PJ-90A12-05A(1) | A3PJ-90D11-05A(1)                  | A3PJ-90D12-05A(1) |
|                |                |                                             | 12 VAC/DC               | A3PJ-90C11-12A(1)                    | A3PJ-90C12-12A(1) | A3PJ-90D11-12A(1)                  | A3PJ-90D12-12A(1) |
|                |                |                                             | 24 VAC/DC               | A3PJ-90C11-24A(1)                    | A3PJ-90C12-24A(1) | A3PJ-90D11-24A(1)                  | A3PJ-90D12-24A(1) |
| Microloads     | SPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PJ-90E11-05A(1)                    | A3PJ-90E12-05A(1) | —                                  | —                 |
|                |                |                                             | 12 VAC/DC               | A3PJ-90E11-12A(1)                    | A3PJ-90E12-12A(1) | —                                  | —                 |
|                |                |                                             | 24 VAC/DC               | A3PJ-90E11-24A(1)                    | A3PJ-90E12-24A(1) | —                                  | —                 |
|                | DPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PJ-90G11-05A(1)                    | A3PJ-90G12-05A(1) | —                                  | —                 |
|                |                |                                             | 12 VAC/DC               | A3PJ-90G11-12A(1)                    | A3PJ-90G12-12A(1) | —                                  | —                 |
|                |                |                                             | 24 VAC/DC               | A3PJ-90G11-24A(1)                    | A3PJ-90G12-24A(1) | —                                  | —                 |

Note: Enter the desired color symbol for the Pushbutton in (1). (R) = Red, (O) = Orange, (G) = Green, (W) = White, (Y) = Yellow, (A) = Blue, (PW) = Pure White.

Example: Red A3PJ-90A11-24AR

# A3P

## Ordering Information

**Ordering as a Set** ..... The model numbers used to order sets of Units are given in the following tables. One set comprises the Pushbutton, Lamp, and Switch.



| Contact type   | No. of outputs | Lighting method<br>Pushbutton color symbol  | Operation<br>Case color | Momentary operation (Self-resetting) |                   | Alternate operation (Self-holding) |                   |
|----------------|----------------|---------------------------------------------|-------------------------|--------------------------------------|-------------------|------------------------------------|-------------------|
|                |                |                                             |                         | Black                                | Light gray        | Black                              | Light gray        |
| Standard Loads | SPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PA-90A11-05A(1)                    | A3PA-90A12-05A(1) | A3PA-90B11-05A(1)                  | A3PA-90B12-05A(1) |
|                |                |                                             | 12 VAC/DC               | A3PA-90A11-12A(1)                    | A3PA-90A12-12A(1) | A3PA-90B11-12A(1)                  | A3PA-90B12-12A(1) |
|                |                |                                             | 24 VAC/DC               | A3PA-90A11-24A(1)                    | A3PA-90A12-24A(1) | A3PA-90B11-24A(1)                  | A3PA-90B12-24A(1) |
|                | DPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PA-90C11-05A(1)                    | A3PA-90A12-05A(1) | A3PA-90D11-05A(1)                  | A3PA-90D12-05A(1) |
|                |                |                                             | 12 VAC/DC               | A3PA-90C11-12A(1)                    | A3PA-90C12-12A(1) | A3PA-90D11-12A(1)                  | A3PA-90D12-12A(1) |
|                |                |                                             | 24 VAC/DC               | A3PA-90C11-24A(1)                    | A3PA-90C12-24A(1) | A3PA-90D11-24A(1)                  | A3PA-90D12-24A(1) |
| Microloads     | SPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PA-90E11-05A(1)                    | A3PA-90E12-05A(1) | —                                  | —                 |
|                |                |                                             | 12 VAC/DC               | A3PA-90E11-12A(1)                    | A3PA-90E12-12A(1) | —                                  | —                 |
|                |                |                                             | 24 VAC/DC               | A3PA-90E11-24A(1)                    | A3PA-90E12-24A(1) | —                                  | —                 |
|                | DPDT           | Bullet Shape LEDs<br>R, O, G, W, Y, A or PW | 5 VDC                   | A3PA-90G11-05A(1)                    | A3PA-90G12-05A(1) | —                                  | —                 |
|                |                |                                             | 12 VAC/DC               | A3PA-90G11-12A(1)                    | A3PA-90G12-12A(1) | —                                  | —                 |
|                |                |                                             | 24 VAC/DC               | A3PA-90G11-24A(1)                    | A3PA-90G12-24A(1) | —                                  | —                 |

Note: Enter the desired color symbol for the Pushbutton in (1). (R) = Red, (O) = Orange, (G) = Green, (W) = White, (Y) = Yellow, (A) = Blue, (PW) = Pure White.

Example: Red A3PA-90A11-24AR



|                   |                   |                 | Operation<br>Case color | Momentary operation<br>(Self-resetting) | Alternate operation<br>(Self-holding) | Pushbutton<br>color<br>symbol    |
|-------------------|-------------------|-----------------|-------------------------|-----------------------------------------|---------------------------------------|----------------------------------|
|                   |                   |                 |                         | Light gray                              | Light gray                            |                                  |
| Contact<br>type   | No. of<br>outputs | Lighting method |                         |                                         |                                       |                                  |
| Standard<br>Loads | SPDT              | LED lamp        | 5 VDC                   | A3PT-90A12-05S(1)                       | A3PT-90B12-05S(1)                     | R<br>O<br>G<br>W<br>Y<br>A<br>PW |
|                   |                   |                 | 12 VAC/DC               | A3PT-90A12-12S(1)                       | A3PT-90B12-12S(1)                     |                                  |
|                   |                   |                 | 24 VAC/DC               | A3PT-90A12-24S(1)                       | A3PT-90B12-24S(1)                     |                                  |
|                   | DPDT              |                 | 5 VDC                   | A3PT-90C12-05S(1)                       | A3PT-90D12-05S(1)                     |                                  |
|                   |                   |                 | 12 VAC/DC               | A3PT-90C12-12S(1)                       | A3PT-90D12-12S(1)                     |                                  |
|                   |                   |                 | 24 VAC/DC               | A3PT-90C12-24S(1)                       | A3PT-90D12-24S(1)                     |                                  |
| Microloads        | SPDT              |                 | 5 VDC                   | A3PT-90E12-05S(1)                       | —                                     |                                  |
|                   |                   |                 | 12 VAC/DC               | A3PT-90E12-12S(1)                       | —                                     |                                  |
|                   |                   |                 | 24 VAC/DC               | A3PT-90E12-24S(1)                       | —                                     |                                  |
|                   | DPDT              |                 | 5 VDC                   | A3PT-90G12-05S(1)                       | —                                     |                                  |
|                   |                   |                 | 12 VAC/DC               | A3PT-90G12-12S(1)                       | —                                     |                                  |
|                   |                   |                 | 24 VAC/DC               | A3PT-90G12-24S(1)                       | —                                     |                                  |

Note: Enter the desired color symbols for the Pushbutton in (1). (R) = Red, (O) = Orange, (G) = Green, (W) = White, (Y) = Yellow, (A) = Blue, (PW) = Pure White.

Example: Red A3PT-90A12-24SR

## Accessories and Tools

The accessories and tools are the same as those for the A3P. Refer to the A3P datasheet.

## Specifications

### Approved Standard Ratings

UL (File No. E41515), CSA (File No. LR45258)

|                |                                     |
|----------------|-------------------------------------|
| Standard Load: | 5 A at 125 VAC<br>3 A at 250 VAC    |
| Microload:     | 0.1 A at 125 VAC<br>0.1 A at 30 VDC |

**Note:** Certification has been obtained for the Switch Unit.  
For detailed information on individual products that have received certification, consult your supplier.

### CCC (GB14048.5)

|                |                                     |
|----------------|-------------------------------------|
| Standard Load: | 3 A at 250 VAC<br>4 A at 30 VDC     |
| Microload:     | 0.1 A at 125 VAC<br>0.1 A at 30 VDC |

### Ratings

#### Contact Ratings

#### Silver Alloy Contacts (for Standard Loads)

| Rated voltage (V) | Non-inductive load (A) |    |           |    | Inductive load (A) |    |            |    |
|-------------------|------------------------|----|-----------|----|--------------------|----|------------|----|
|                   | Resistive load         |    | Lamp load |    | Inductive load     |    | Motor load |    |
|                   | NC                     | NO | NC        | NO | NC                 | NO | NC         | NO |
| 125 VAC           | 5                      |    | 0.7       |    | 3                  |    | 1.3        |    |
| 250 VAC           | 3                      |    | 0.5       |    | 2                  |    | 0.8        |    |
| 8 VDC             | 5                      |    | 2         |    | 4                  |    | 3          |    |
| 14 VDC            | 5                      |    | 2         |    | 4                  |    | 3          |    |
| 30 VDC            | 4                      |    | 2         |    | 3                  |    | 3          |    |
| 125 VDC           | 0.4                    |    | 0.05      |    | 0.4                |    | 0.05       |    |
| 250 VDC           | 0.2                    |    | 0.03      |    | 0.2                |    | 0.03       |    |

**Note:** 1. The above values are for steady-state currents.  
2. Inductive load: Power factor = 0.4; time constant = 7 ms.  
3. The lamp load has an inrush current of 10 times the steady-state current.  
4. The motor load has an inrush current of 6 times the steady-state current.

Standard testing condition

- (1) Ambient temperature:  $20 \pm 2^{\circ}\text{C}$   
(2) Ambient humidity:  $65 \pm 5\%\text{RH}$   
(3) Operating frequency: 20 times/min.

#### Gold Alloy Contacts (for Microloads)

|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| Rated voltage (V)       | 0.1 A at 30 VDC (resistive load);<br>0.1 A at 125 VAC (resistive load) |
| Minimum applicable load | 1 mA at 5 VDC                                                          |

### Bullet Shape LED and LED Lamp Ratings

#### Bullet Shape LEDs

| Model            |               | A3PJ/M2PJ     | A3PA/M2PA     |
|------------------|---------------|---------------|---------------|
| Applied voltage  | Rated voltage | Rated current | Rated current |
|                  |               | Single screen | Single screen |
| 5 VDC $\pm 5\%$  | 5 VDC         | 40 mA         | 20 mA         |
| 12 VDC $\pm 5\%$ | 12 VDC        | 20 mA         | 10 mA         |
| 24 VDC $\pm 5\%$ | 24 VDC        | 10 mA         |               |

#### LED Lamps

| Applied voltage      | Rated voltage | Rated current |
|----------------------|---------------|---------------|
| 5 VDC $\pm 5\%$      | 5 VDC         | 8 mA          |
| 12 VAC/VDC $\pm 5\%$ | 12 VDC        |               |
| 24 VAC/VDC $\pm 5\%$ | 24 VDC        |               |

### Characteristics

|                                 |                                                           |             |                                                                                                                                                                             |
|---------------------------------|-----------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating frequency             |                                                           | Mechanical  | 120 operations/minute max. *1                                                                                                                                               |
|                                 |                                                           | Electrical  | 30 operations/minute max.                                                                                                                                                   |
| Insulation resistance           |                                                           |             | 100 MΩ min. (at 500 VDC)                                                                                                                                                    |
| Contact resistance              | Standard load                                             |             | 40 mΩ max. (initial value)                                                                                                                                                  |
|                                 | Microload                                                 |             | 100 mΩ max. (initial value)                                                                                                                                                 |
| Dielectric strength             | Between terminals of same polarity                        |             | 1,000 VAC, 50/60 Hz for 1 minute *2                                                                                                                                         |
|                                 | Between terminals of different polarity                   |             | 2,000 VAC, 50/60 Hz for 1 minute                                                                                                                                            |
|                                 | Between current-carrying metal part and ground            |             | 2,000 VAC, 50/60 Hz for 1 minute                                                                                                                                            |
|                                 | Between each terminal and non-current-carrying metal part |             | 2,000 VAC, 50/60 Hz for 1 minute                                                                                                                                            |
|                                 | Between lamp terminals                                    |             | 1,000 VAC, 50/60 Hz for 1 minute *3                                                                                                                                         |
| Vibration resistance            |                                                           | Malfunction | 10 to 55 Hz, 1.5 mm double amplitude (1 ms max.)                                                                                                                            |
| Shock resistance                | Destruction                                               |             | 500 m/s <sup>2</sup> max.                                                                                                                                                   |
|                                 | Malfunction                                               |             | 200 m/s <sup>2</sup> max. (1 ms max.)                                                                                                                                       |
| Life expectancy                 |                                                           | Mechanical  | Momentary operation models:<br>1,000,000 operations min.<br>Alternate operation models:<br>200,000 operations min.<br>(One operation consists of set and reset operations.) |
|                                 |                                                           | Electrical  | 100,000 operations min.                                                                                                                                                     |
| Weight                          |                                                           |             | Approx. 30 g                                                                                                                                                                |
| Inrush current                  |                                                           | NC          | Silver contact: 10 A max.                                                                                                                                                   |
|                                 |                                                           | NO          | Silver contact: 10 A max.                                                                                                                                                   |
| Ambient operating temperature   |                                                           |             | Bullet Shape LEDs: -10°C to 40°C<br>(with no icing or condensation)<br>LED Lamps: -10°C to 50°C<br>(with no icing or condensation)                                          |
| Ambient operating humidity      |                                                           |             | 35% to 85%RH                                                                                                                                                                |
| Ambient storage temperature     |                                                           |             | -25°C to 65°C                                                                                                                                                               |
| Degree of protection            |                                                           |             | IP40                                                                                                                                                                        |
| Electric shock protection class |                                                           |             | Class II                                                                                                                                                                    |
| PTI (proof tracking index)      |                                                           |             | 175                                                                                                                                                                         |
| Pollution degree                |                                                           |             | 3 (IEC947-5-1)                                                                                                                                                              |

\*1. With alternate operation models, 60 operations/minute max. One operation cycle consists of set and reset operations.

\*2. 600 VAC for microloads.

\*3. With no incandescent lamp or LED lamp mounted.

# A3P

## Specifications

### Operating Characteristics

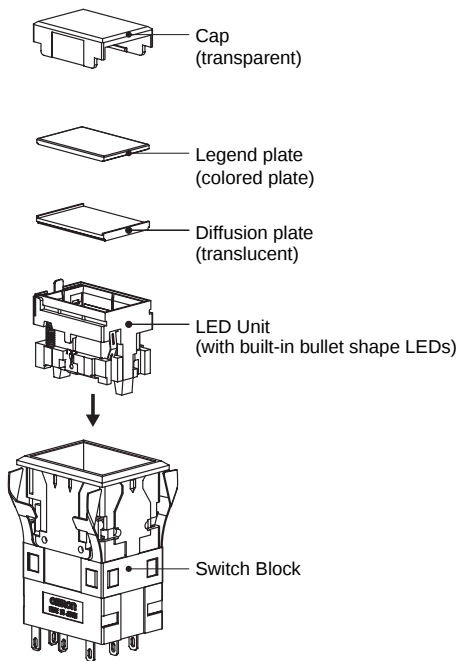
| Model                 |          | A3PJ series                |                            | A3PA series                |                            | A3PT series                |                            |
|-----------------------|----------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                       |          | Momentary operation models | Alternate operation models | Momentary operation models | Alternate operation models | Momentary operation models | Alternate operation models |
| Operating force       | OF max.  | 5.88 N                     | 6.86 N                     | 5.88 N                     | 6.86 N                     | 3.92 N                     | 4.90 N                     |
| Releasing force       | RF min.  | 0.39 N                     | 0.29 N                     | 0.39 N                     | 0.29 N                     | 0.39 N                     | 0.29 N                     |
| Total travel          | TT       | Approx. 3.5 mm             | Approx. 3.5 mm             | Approx. 3.5 mm             | Approx. 3.5 mm             | Approx. 3.5 mm             | Approx. 3.5 mm             |
| Pretravel             | PT max.  | 3 mm                       | 3 mm                       | 3 mm                       | 3 mm                       | 3 mm                       | 3 mm                       |
| Lock travel alternate | LTA min. | ---                        | 0.5 mm                     | ---                        | 0.5 mm                     | ---                        | 0.5 mm                     |

### Nomenclature

#### Model Structure

| Lighting method | Bullet Shape LED Models<br>(LED is built-in.)                                                      |                                                                                                    | LED Lamp-lighted Models<br>(LED lamp is not built-in.)                                               |
|-----------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Models          | A3PJ                                                                                               | A3PA                                                                                               | A3PT                                                                                                 |
| Screen patterns | Single screen<br> | Single screen<br> | Single screen<br> |

Example: A3PJ with Bullet Shape LED Lighting

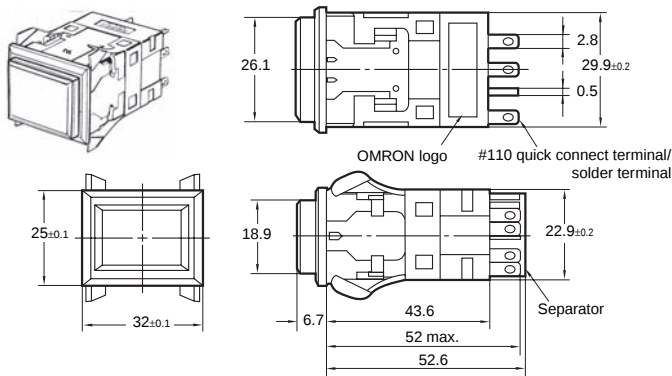


# Dimensions

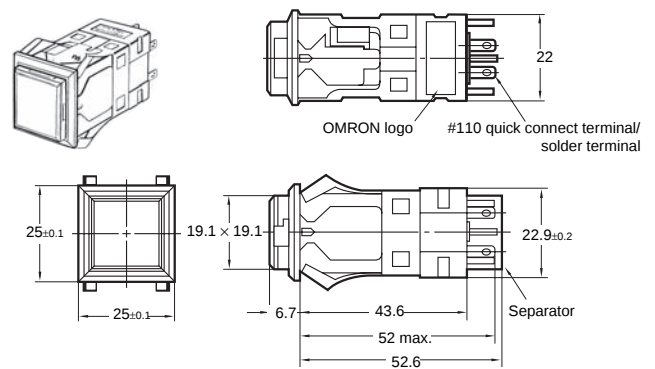
The Dimension shows 2-switch outputs.

(Unit: mm)

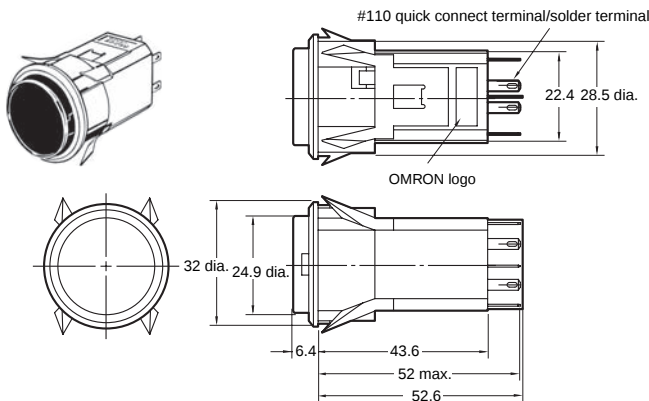
## A3PJ (Rectangular) Models



## A3PA (Square) Models



## A3PT (Round) Models



**Note:** The thickness of tab terminals #110 and solder terminals is 0.5 mm.

## Terminal Connections

### Bullet Shape LED Models

(The terminal arrangement diagram shows a 1-switch output. Connections to terminals from the lighting block are the same for 2 outputs.)

| Rated voltage<br>Screen pattern |               | 5 VDC                                                             | 12 VDC                                                            | 24 VDC                                                            |
|---------------------------------|---------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| Model                           |               |                                                                   |                                                                   |                                                                   |
| A3PJ                            | Single screen | Bottom view<br>Top view<br>Terminal arrangement<br>Lighting block | Bottom view<br>Top view<br>Terminal arrangement<br>Lighting block | Bottom view<br>Top view<br>Terminal arrangement<br>Lighting block |
|                                 |               |                                                                   |                                                                   |                                                                   |
| A3PA                            | Single screen | Bottom view<br>Top view<br>Terminal arrangement<br>Lighting block | Bottom view<br>Top view<br>Terminal arrangement<br>Lighting block | Bottom view<br>Top view<br>Terminal arrangement<br>Lighting block |
|                                 |               |                                                                   |                                                                   |                                                                   |

## LED Lamp-lighted Models

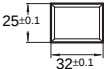
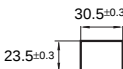
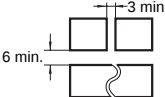
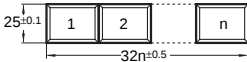
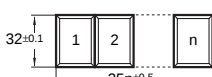
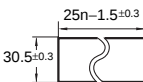
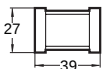
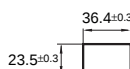
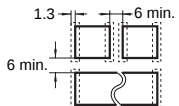
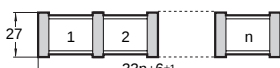
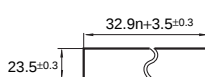
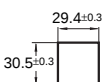
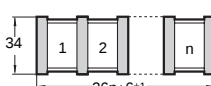
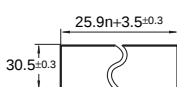
(All are shown with the OMRON logo facing down. The terminal arrangements are the same as for the LED-lighted models.)

| Output | Model | Round A3PT models    |
|--------|-------|----------------------|
| SPDT   |       | Bottom view          |
|        |       | Top view             |
|        |       | Terminal arrangement |
|        |       | Lighting block       |

## Panel Cutout

(If you use a Switch Guard or Seal Cover, refer to *Switch and Guard Mounting Dimensions* or *Seal Cover Mounting Dimensions* in the A3P datasheet.)

## A3PJ (Rectangular) Models

|                      | Classification                   | Mounting design                                                                                                                                 | Panel cutout                                                                        | Remarks                                                                                                                                                                                                                                                                                    |
|----------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flange mount models  | Individual mounting (Horizontal) |                                                                |    | <p>Panel cutout spacing between rows of Units:</p>                                                                                                                                                      |
|                      | Multiple mounting (Horizontal)   |                                                                |    |                                                                                                                                                                                                                                                                                            |
|                      | Individual mounting (Vertical)   |  <p>Mount to long mounting plate (A3PJ-3002) before use.</p>   |    |                                                                                                                                                                                                                                                                                            |
|                      | Multiple mounting (Vertical)     |  <p>Mount to long mounting plate (A3PJ-3002) before use.</p> |  |                                                                                                                                                                                                                                                                                            |
| Barrier mount models | Individual mounting (Horizontal) |                                                              |  | <p>For barrier mount models, refer to <i>Accessories</i> in the A3P datasheet.</p> <p>Panel cutout spacing between rows of Units: (Dotted line indicates the position of each mounting barrier.)</p>  |
|                      | Multiple mounting (Horizontal)   |                                                              |  |                                                                                                                                                                                                                                                                                            |
|                      | Individual mounting (Horizontal) |  <p>Mount to long mounting plate (A3PJ-3002) before use.</p> |  |                                                                                                                                                                                                                                                                                            |
|                      | Multiple mounting (Vertical)     |  <p>Mount to long mounting plate (A3PJ-3002) before use.</p> |  |                                                                                                                                                                                                                                                                                            |

**Note:** 1. n: Number of Units

2. Recommended panel thickness: 1 to 5 mm

3. Mount the panel before mounting the Switch Guard.

4. If the panel is to be finished (e.g., coated), make sure that the panel meets the specified dimensions after the coating.

## Dimensions

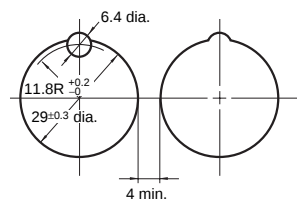
(Unit: mm)

### A3PA (Square) Models

| Classification       |                     | Mounting design | Panel cutout | Remarks                                                                                                           |
|----------------------|---------------------|-----------------|--------------|-------------------------------------------------------------------------------------------------------------------|
| Flange mount models  | Individual mounting |                 |              | Panel cutout spacing between rows of Units:<br>                                                                   |
|                      | Multiple mounting   |                 |              |                                                                                                                   |
| Barrier mount models | Individual mounting |                 |              | Panel cutout spacing between rows of Units:<br>(Dotted line indicates the position of each mounting barrier.)<br> |
|                      | Multiple mounting   |                 |              |                                                                                                                   |

**Note:** 1. n: Number of Units  
 2. Recommended panel thickness: 1 to 5 mm  
 3. Mount the panel before mounting the Switch Guard.  
 4. If the panel is to be finished (e.g., coated), make sure that the panel meets the specified dimensions after the coating.

### A3PT (Round) Models



**Note:** 1. Recommended panel thickness: 1 to 5 mm  
 2. If the panel is to be finished (e.g., coated), make sure that the panel meets the specified dimensions after the coating.

### Safety Precautions

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Refer to *Safety Precautions for all Pushbutton Switches/Indicators* for common precautions.

Read the *Safety Precautions* in the A3P datasheet.

For technical information and FAQs, refer to Technical Support on the OMRON Industrial Automation website (<http://www.ia.omron.com>).

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**OMRON Corporation      Industrial Automation Company**

Tokyo, JAPAN

**Contact: [www.ia.omron.com](http://www.ia.omron.com)**

***Regional Headquarters***

**OMRON EUROPE B.V.**

Wegalaan 67-69-2132 JD Hoofddorp  
The Netherlands

Tel: (31)2356-81-300/Fax: (31)2356-81-388

**OMRON ELECTRONICS LLC**

One Commerce Drive Schaumburg,  
IL 60173-5302 U.S.A.

Tel: (1) 847-843-7900/Fax: (1) 847-843-7787

**OMRON ASIA PACIFIC PTE. LTD.**

No. 438A Alexandra Road # 05-05/08 (Lobby 2),  
Alexandra Technopark,  
Singapore 119967

Tel: (65) 6835-3011/Fax: (65) 6835-2711

**OMRON (CHINA) CO., LTD.**

Room 2211, Bank of China Tower,  
200 Yin Cheng Zhong Road,  
PuDong New Area, Shanghai, 200120, China

Tel: (86) 21-5037-2222/Fax: (86) 21-5037-2200

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