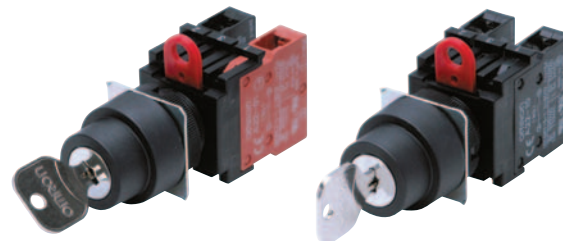


## Install in 22-dia. or 25-dia. Panel Cutout

- Lever for easily mounting and removing the Socket Unit.
- Finger protection mechanism on Switch Unit provided as a standard feature.
- Use 25-dia. ring to install in 25-dia. panel cutouts.
- Mounted using either open-type (fork-type) or closed-type (round-type) crimp terminals.
- IP65 oil resistance



Refer to *Safety Precautions for All Pushbutton Switches/Indicators* and *Safety Precautions for the A22*.

## Model Number Structure

**Model Number Legend**..... Shipped as a set which includes the Selector and Switch.  
For information on combinations, refer to Ordering Information.

(1)                      (2)  
**A 22 K - 2ML - 11**

### (1) Number of Notches/Reset Method

| Code | Notches   | Reset method | Key release position |
|------|-----------|--------------|----------------------|
| 2ML  | 2 notches | Manual       | Left                 |
| 2M   |           |              | Left and right       |
| 2AL  |           | Automatic    | Left                 |
| 3ML  | 3 notches | Manual       | Left                 |
| 3M   |           |              | Left and right       |
| 3MC  |           | Automatic    | Center               |
| 3AC  |           |              | Center               |

### (2) Contacts

| Code | Description       |
|------|-------------------|
| 10   | SPST-NO *         |
| 01   | SPST-NC *         |
| 11   | SPST-NO + SPST-NC |
| 20   | SPST-NO + SPST-NO |
| 02   | SPST-NC + SPST-NC |

\* For models with 2 notches

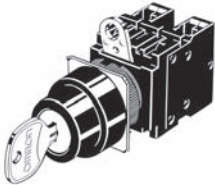
- Contact Rating is standard load.
- For microloads, refer to Accessories section for A22.
- For special keys, consult your OMRON representative.

Individual models: Refer to pages 2 to 3.  
(The Selector and Switch can be ordered separately.)

■ Specifications: Refer to the A22. ■ Dimensions: Refer to page 5.  
■ Accessories and tools: Refer to the A22.

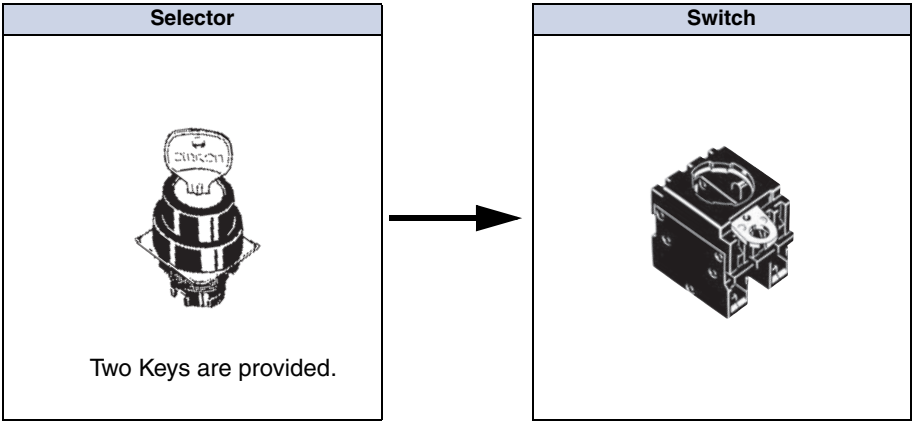
Ordering Information

**Completely Assembled** .... Shipped as a set which includes the Selector and Switch.  
**Key-type Selector Switch**  
**A22K**

| Appearance   | Number of notches | Reset method | Output            | Key release position | Model       |
|--|-------------------|--------------|-------------------|----------------------|-------------|
| <div>Key-type Selector Switch<br/>A22K</div>  | 2 notches         | Manual       | SPST-NO           | ⌚                    | A22K-2ML-10 |
|  |                   |              |                   | ⊗                    | A22K-2M-10  |
|  |                   |              | SPST-NC           | ⌚                    | A22K-2ML-01 |
|  |                   |              |                   | ⊗                    | A22K-2M-01  |
|  |                   |              | SPST-NO + SPST-NC | ⌚                    | A22K-2ML-11 |
|  |                   |              |                   | ⊗                    | A22K-2M-11  |
|  |                   |              | SPST-NO + SPST-NO | ⌚                    | A22K-2ML-20 |
|  |                   |              |                   | ⊗                    | A22K-2M-20  |
|  |                   | Automatic    | SPST-NC + SPST-NC | ⌚                    | A22K-2ML-02 |
|  |                   |              |                   | ⊗                    | A22K-2M-02  |
|  | 3 notches         | Automatic    | SPST-NO           | ⌚                    | A22K-2AL-10 |
|  |                   |              | SPST-NC           |                      | A22K-2AL-01 |
|  |                   |              | SPST-NO + SPST-NC |                      | A22K-2AL-11 |
|  |                   |              | SPST-NO + SPST-NO |                      | A22K-2AL-20 |
|  |                   |              | SPST-NC + SPST-NC |                      | A22K-2AL-02 |
|  |                   | Manual       | SPST-NO + SPST-NC | ⌚                    | A22K-3ML-11 |
|  |                   |              |                   | ⊗                    | A22K-3M-11  |
|  |                   |              |                   | ⌚                    | A22K-3MC-11 |
|  |                   |              | SPST-NO + SPST-NO | ⌚                    | A22K-3ML-20 |
|  |                   |              |                   | ⊗                    | A22K-3M-20  |
|  |                   |              |                   | ⌚                    | A22K-3MC-20 |
|  |                   |              | SPST-NC + SPST-NC | ⌚                    | A22K-3ML-02 |
|  |                   |              |                   | ⊗                    | A22K-3M-02  |
|  |                   |              |                   | ⌚                    | A22K-3MC-02 |
|  |                   | Automatic    | SPST-NO + SPST-NC | ⌚                    | A22K-3AC-11 |
|  |                   |              | SPST-NO + SPST-NO | ⌚                    | A22K-3AC-20 |
|  |                   |              | SPST-NC + SPST-NC | ⌚                    | A22K-3AC-02 |

Note: 1. Two Keys are provided.  
2. The contact ratings are for standard loads.

**Subassembled** ..... The Selector, Lamp, or Switch can be ordered separately. Use them in combination for models that are not available as assembled Units. These can also be used as inventory for maintenance parts.



Ordering set combinations: Refer to this page.



















- Specifications: Refer to the A22.
- Dimensions: Refer to page 5.
- Accessories and tools: Refer to the A22.

## Ordering Information

**Subassembled** ..... The Selector, Lamp, or Switch can be ordered separately. Use them in combination for models that are not available as assembled Units. These can also be used as inventory for maintenance parts.

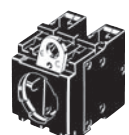
### Selector

**Oil-resistant IP65 (Color: Only Black is available)**


| Appearance  | Number of notches  | Reset method   | Key release position  | Model            |
|---|--|--|---|------------------|
|  | 2 notches<br> | Manual<br>            |  | <b>A22K-2ML</b>  |
|   |  |  |  | <b>A22K-2M</b>   |
|   |  | Automatic<br>         |  | <b>A22K-2AL</b>  |
|   | 3 notches<br> | Manual<br>            |  | <b>A22K-3ML</b>  |
|   |  |  |  | <b>A22K-3M</b>   |
|   |  |  |  | <b>A22K-3MC</b>  |
|   |  | Automatic<br>         |  | <b>A22K-3AC</b>  |
|   |  | Automatic (left)<br>  |  | <b>A22K-3AMR</b> |
|   |  | Automatic (right)<br> |  | <b>A22K-3MAL</b> |

Note: Two keys are provided.

### Switch (Standard Load)

| Appearance  | Classification    | Model          |
|---|-------------------|----------------|
|  | SPST-NO           | <b>A22-10M</b> |
|   | SPST-NC           | <b>A22-01M</b> |
|   | SPST-NO + SPST-NC | <b>A22-11M</b> |
|   | SPST-NO + SPST-NO | <b>A22-20M</b> |
|   | SPST-NC + SPST-NC | <b>A22-02M</b> |

### Accessories

| Appearance  | Model         |
|---|---------------|
|  | <b>A22K-K</b> |

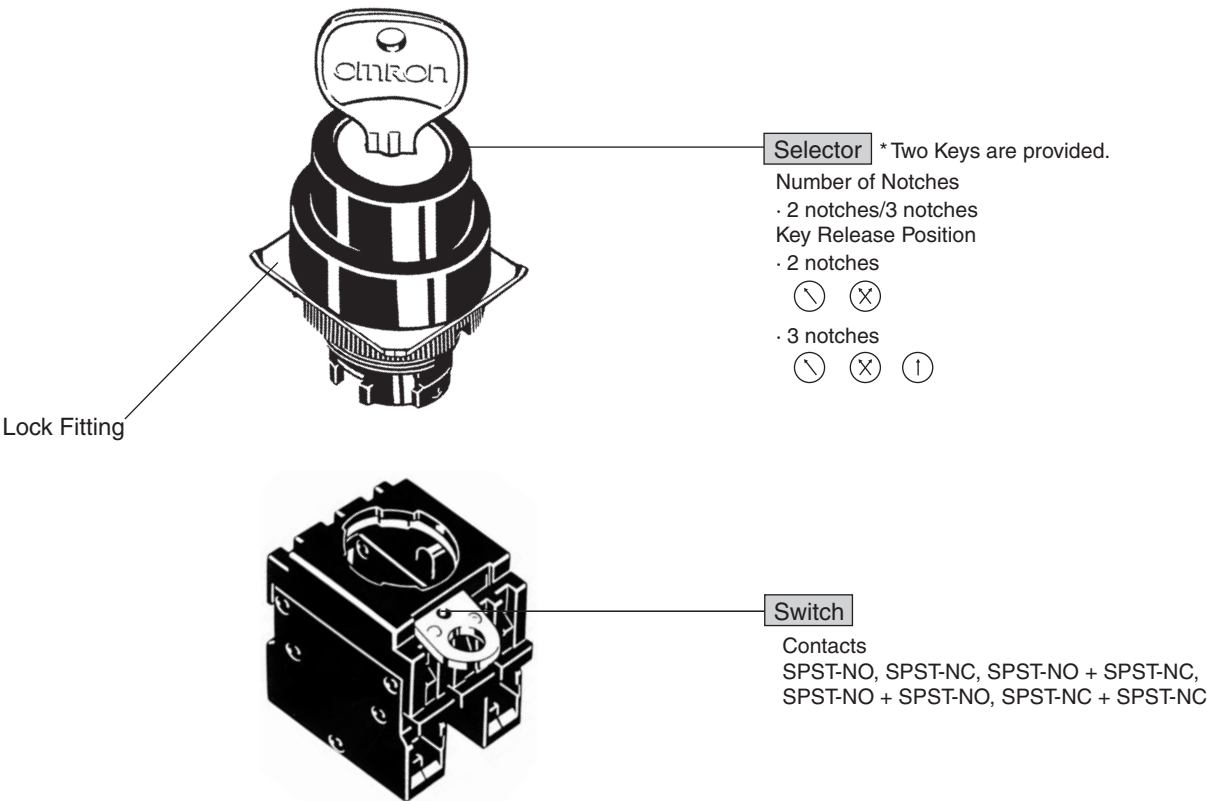
Note: Two keys are provided.

Ordering set combinations: Refer to page 2.

■ Specifications: Refer to the A22. ■ Dimensions: Refer to page 5.  
■ Accessories and tools: Refer to the A22.

Nomenclature

Model Structure



Contacts

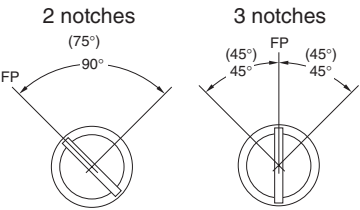
2-notch Type

| Knob position | SPST-NO | SPST-NC | SPST-NO + SPST-NC | SPST-NO + SPST-NO | SPST-NC + SPST-NC |
|---------------|---------|---------|-------------------|-------------------|-------------------|
| ⧵             | ○ — ○   | ● — ●   | ○ — ○ ● — ●       | ○ — ○ ○ — ○       | ● — ● ● — ●       |
| ⧶             | ○ — ○   | ● — ●   | ○ — ○ ● — ●       | ○ — ○ ○ — ○       | ● — ● ● — ●       |

3-notch Type

| Knob position | SPST-NO + SPST-NC | SPST-NO + SPST-NO | SPST-NC + SPST-NC |
|---------------|-------------------|-------------------|-------------------|
| ⧵             | ○ — ○ ● — ●       | ○ — ○ ○ — ○       | ● — ● ● — ●       |
| ⊡             | ○ — ○ ● — ●       | ○ — ○ ○ — ○       | ● — ● ● — ●       |
| ⧶             | ○ — ○ ● — ●       | ○ — ○ ○ — ○       | ● — ● ● — ●       |

Operation Angle

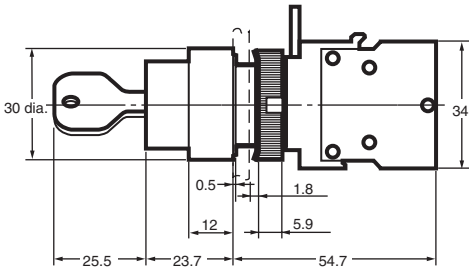
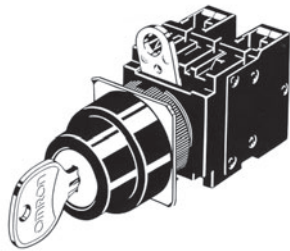


Note: The angles in parentheses are for automatic-reset models.  
FP: Free position

Dimensions

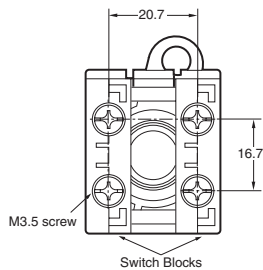
Key-type Selector Switch

Key-type Selector Switch A22K

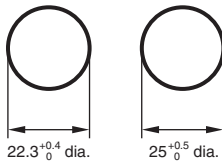


Terminal Arrangement (Bottom View)

Non-lighted



Panel Cutouts



Lock fitting is provided as a standard item.

- When applying coating such as paint to the panel, the dimensions should be those after the application of coating.
- Recommended panel thickness: 1 to 5 mm.
- Use an A22Z-R25 Ring when mounting to a panel with 25-mm holes.

Terminal Connection

| Type        | Terminal connection |
|-------------|---------------------|
| Non-lighted | <p>Bottom view</p>  |

Note: The above terminal connection diagrams are examples for SPST-NO + SPST-NC.

Accessories

Refer to the relevant information in the corresponding section for the A22.

Safety Precautions

Refer to *Safety Precautions for All Pushbutton Switches/Indicators* and *Safety Precautions for the A22*.

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