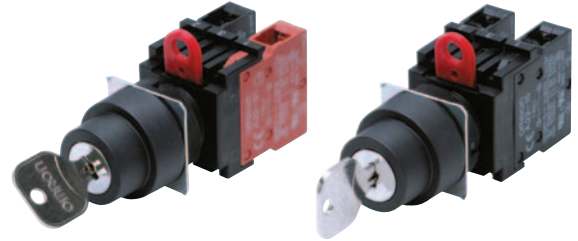



# A22K

## 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.

A 22 K - (1)  
2ML - (2)  
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			Center
3AC		Automatic	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

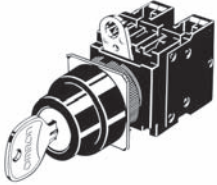
- \* For models with 2 notches
- Contact Rating is standard load.
  - For microloads, refer to Accessories section for A22.
  - For special keys, consult your OMRON representative.

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.

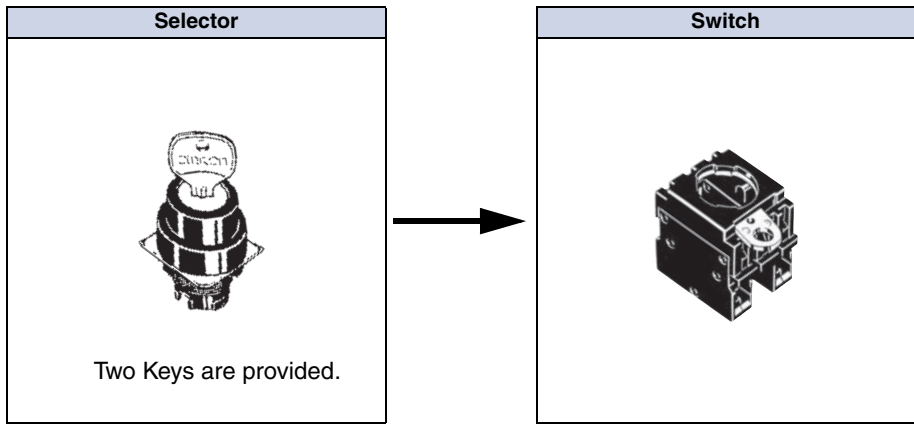
Ordering Information

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

Appearance	Number of notches	Reset method	Output	Key release position	Model	
Key-type Selector Switch A22K 	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	
			SPST-NC + SPST-NC	⊖	A22K-2ML-02	
				⊗	A22K-2M-02	
	3 notches	Automatic		SPST-NO	⊖	A22K-2AL-10
						SPST-NC
				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-3ML-20
					⊗	A22K-3M-20
					⊖	A22K-3ML-02
SPST-NO + SPST-NO	⊗		A22K-3M-20			
	⊖		A22K-3ML-02			
	⊗		A22K-3M-02			
	⊖		A22K-3ML-02			
	⊗		A22K-3M-02			
Automatic		SPST-NO + SPST-NC	⊖	A22K-3AC-11		
			⊖	A22K-3AC-20		
			⊖	A22K-3AC-11		
			⊖	A22K-3AC-20		
			⊖	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.

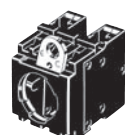
### Selector

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


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

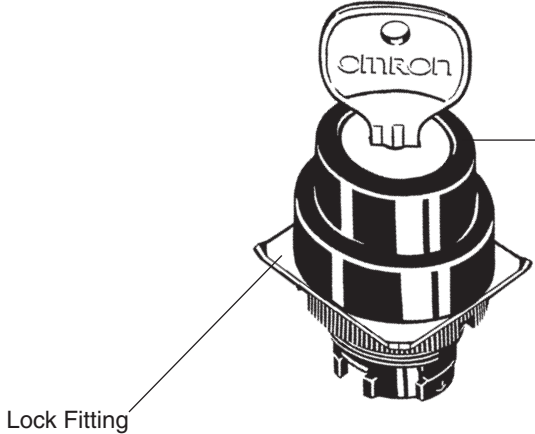
Note: Two keys are provided.

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

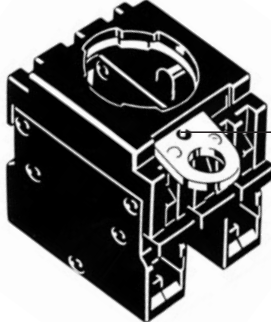
Model Structure



**Selector** \* Two Keys are provided.

Number of Notches  
 · 2 notches/3 notches  
 Key Release Position

- 2 notches  
 
- 3 notches  
  





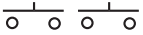









**Switch**



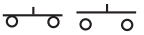



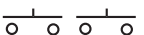



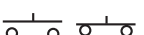

Contacts  
 SPST-NO, SPST-NC, SPST-NO + SPST-NC,  
 SPST-NO + SPST-NO, SPST-NC + SPST-NC

Contacts

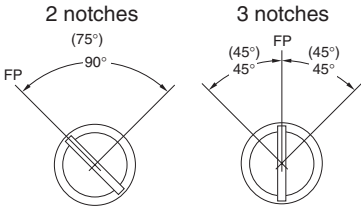
2-notch Type

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

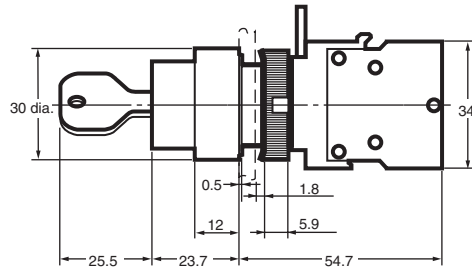
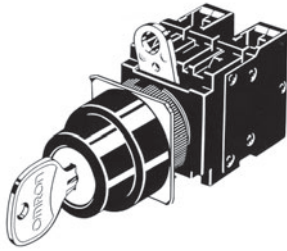


Note: The angles in parentheses are for automatic-reset models.  
 FP: Free position

**Dimensions**

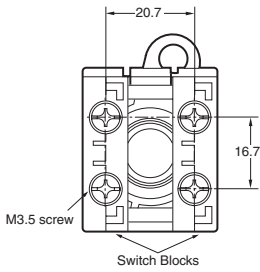
**Key-type Selector Switch**

**Key-type Selector Switch A22K**

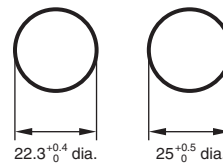


**Terminal Arrangement (Bottom View)**

**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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