

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)** **(2)**
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	3 notches	Automatic	Left
3ML			Left
3M	3 notches	Manual	Left and right
3MC			Center
3AC	3 notches	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.

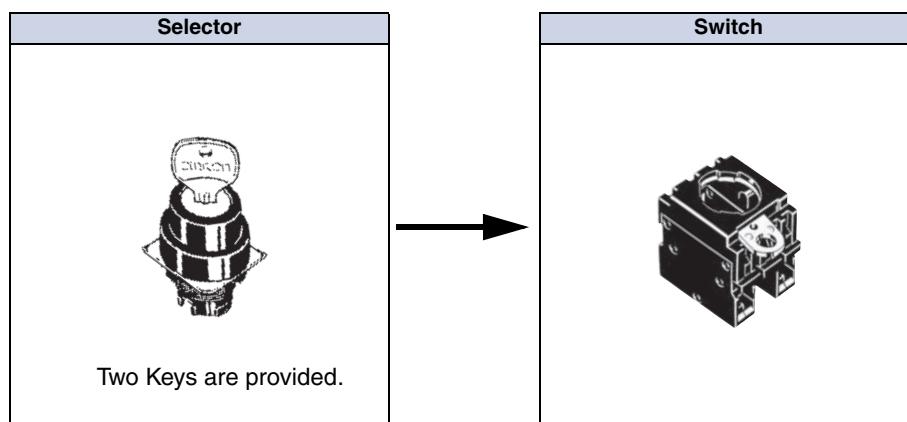
Key-type Selector Switch

Appearance	Number of notches	Reset method	Output	Key release position	Model
Key-type Selector Switch A22K	2 notches	Manual	SPST-NO	(<input checked="" type="checkbox"/>)	A22K-2ML-10
			SPST-NC	(<input checked="" type="checkbox"/>)	A22K-2M-10
			SPST-NO + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-2ML-01
			SPST-NO + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-2M-01
			SPST-NO + SPST-NO	(<input checked="" type="checkbox"/>)	A22K-2ML-11
			SPST-NO + SPST-NO	(<input checked="" type="checkbox"/>)	A22K-2M-11
			SPST-NC + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-2ML-20
			SPST-NC + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-2M-20
			SPST-NO	(<input checked="" type="checkbox"/>)	A22K-2AL-10
			SPST-NC		A22K-2AL-01
		Automatic	SPST-NO + SPST-NC		A22K-2AL-11
			SPST-NO + SPST-NO		A22K-2AL-20
			SPST-NC + SPST-NC		A22K-2AL-02
Key-type Selector Switch A22K	3 notches	Manual	SPST-NO + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3ML-11
			SPST-NO + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3M-11
			SPST-NO + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3MC-11
			SPST-NO + SPST-NO	(<input checked="" type="checkbox"/>)	A22K-3ML-20
			SPST-NO + SPST-NO	(<input checked="" type="checkbox"/>)	A22K-3M-20
			SPST-NO + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3MC-20
			SPST-NC + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3ML-02
			SPST-NC + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3M-02
			SPST-NC + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3MC-02
		Automatic	SPST-NO + SPST-NC	(<input checked="" type="checkbox"/>)	A22K-3AC-11
			SPST-NO + SPST-NO	(<input checked="" type="checkbox"/>)	A22K-3AC-20
			SPST-NC + SPST-NC	(<input checked="" type="checkbox"/>)	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.

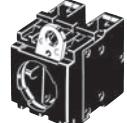
Selector

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

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

Note: Two keys are provided.

Switch (Standard Load)

Appearance	Classification	Model
	SPST-NO	A22-10M
	SPST-NC	A22-01M
	SPST-NO + SPST-NC	A22-11M
	SPST-NO + SPST-NO	A22-20M
	SPST-NC + SPST-NC	A22-02M

Accessories

Appearance	Model
	A22K-K

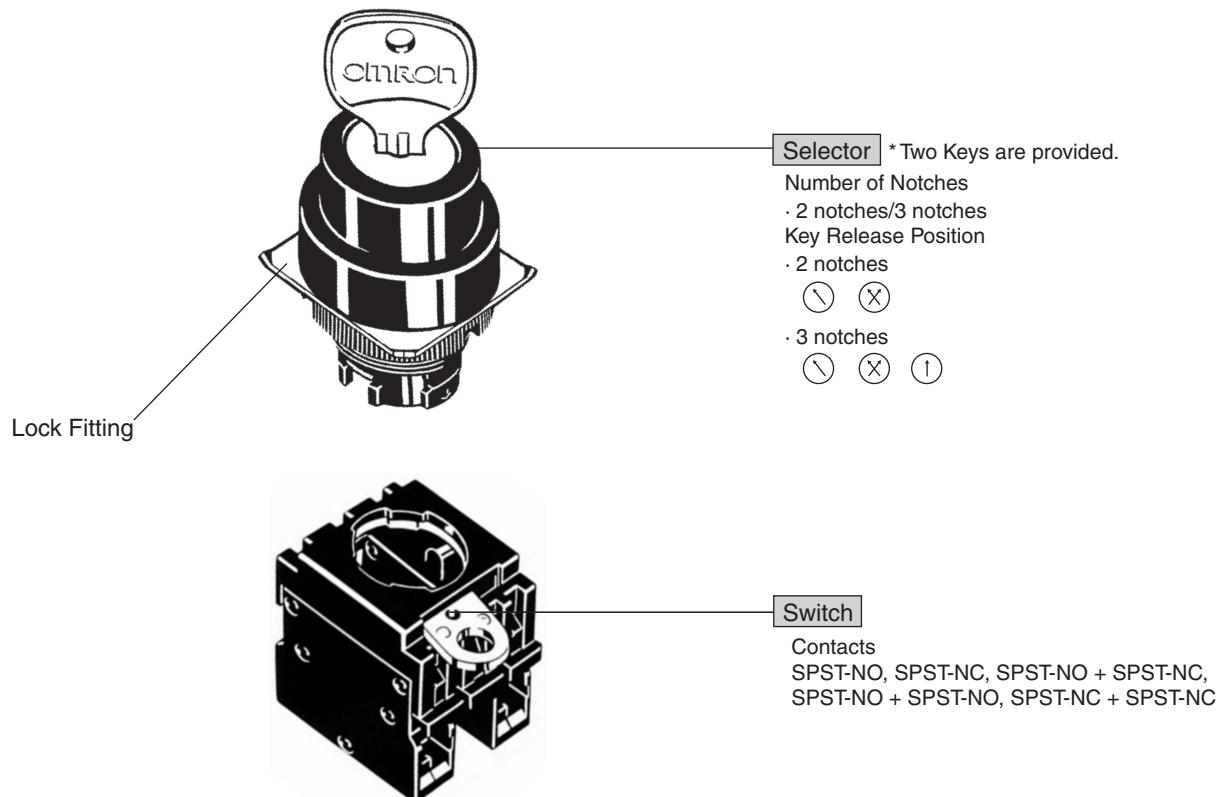
Note: Two keys are provided.

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

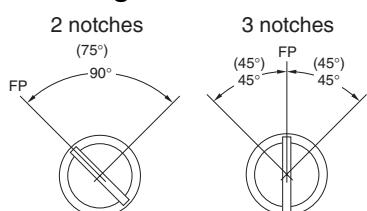
2-notch Type

Knob position	SPST-NO	SPST-NC	SPST-NO + SPST-NC	SPST-NO + SPST-NO	SPST-NC + SPST-NC
○ (circle)	○—○	●—●	○—○ ●—●	○—○ ○—○	●—● ●—●
✗ (cross)	○—○	●—●	○—○ ●—●	○—○ ○—○	●—● ●—●

3-notch Type

Knob position	SPST-NO + SPST-NC	SPST-NO + SPST-NO	SPST-NC + SPST-NC
○ (circle)	○—○ ●—●	○—○ ○—○	●—● ●—●
↑ (up arrow)	○—○ ●—●	○—○ ○—○	●—● ●—●
✗ (cross)	○—○ ●—●	○—○ ○—○	●—● ●—●

Operation Angle

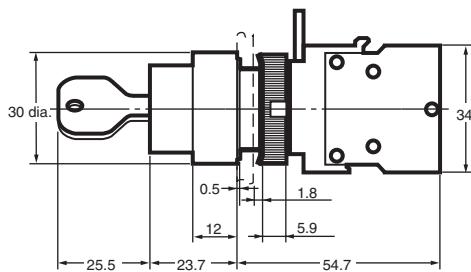
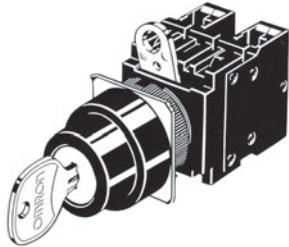


Note: The angles in parentheses are for automatic-reset models.
FP: Free position

Dimensions

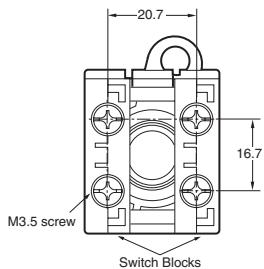
Key-type Selector Switch

Key-type Selector Switch A22K

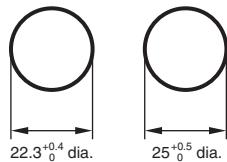


Terminal Arrangement (Bottom View)

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> <p>The diagram shows four terminals labeled 1 through 4. Terminals 1 and 3 are connected in series, and this series connection is connected to terminal 2. Terminals 3 and 4 are also connected in series and are connected to terminal 2.</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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