# Key-type Selector Switch (Cylindrical 22/25-dia.)
A22K

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

■ Lever for easily mounting and removing the Socket Unit.
■ Increase wiring efficiency with three-row mounting of
  Switch Blocks.
■ 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
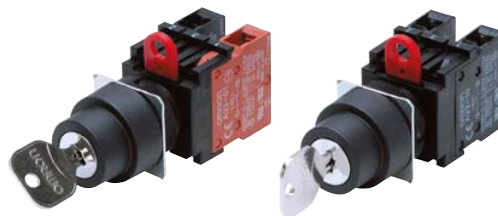
Model Number Structure

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

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

(1) Number of Notches/Reset Method

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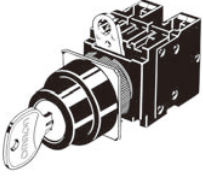
(2) Contacts

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, select from the accessories.
 • For special keys, consult your OMRON representative.

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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
		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
	3 notches	Manual	SPST-NO + SPST-NC	◯	A22K-3ML-11
				⊗	A22K-3M-11
				①	A22K-3MC-11
			SPST-NO + SPST-NO	◯	A22K-3ML-20
				⊗	A22K-3M-20
				①	A22K-3MC-20
			SPST-NC + SPST-NC	◯	A22K-3ML-02
				⊗	A22K-3M-02
				①	A22K-3MC-02
		Automatic	SPST-NO + SPST-NC	①	A22K-3AC-11
			SPST-NO + SPST-NO	①	A22K-3AC-20
			SPST-NC + SPST-NC	①	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.

Selector	Switch
Two Keys are provided.	
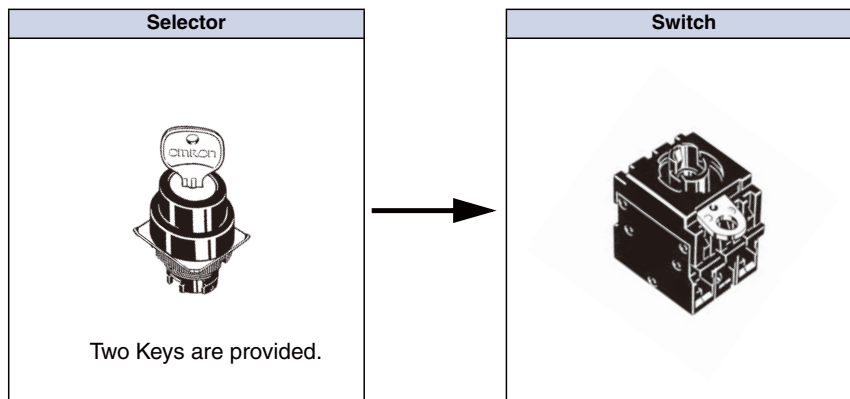
Ordering Information

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**
		Automatic		↖	**A22K-2AL**
	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)

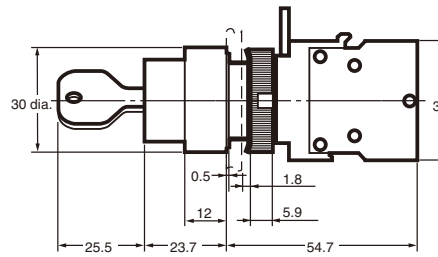| Appearance	Classification	Model
	SPST-NO	**A22-10M**
	SPST-NC	**A22-01M**
	SPST-NO + SPST-NC	**A22-11M**
	SPST-NO + SPST-NO	**A22-20M**
	SPST-NC + SPST-NC	**A22-02M**

Accessories

Appearance	Model
	A22K-K

Note: Two keys are provided.

Dimensions

Key-type Selector Switch

Key-type Selector Switch A22K

30 dia.

34

0.5   1.8

12   5.9

25.5   23.7   54.7
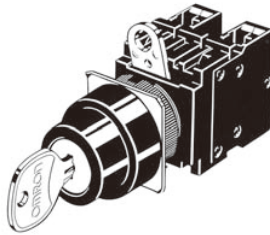
Terminal Arrangement (Bottom View)

Non-lighted

20.7

16.7

M3.5 screw

Switch Blocks

Terminal Connection

Type	Terminal connection
Non-lighted	Bottom view ① ③ ② ④

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

Panel Cutouts

$22.3^{+0.4}_{0}$ dia. $25^{+0.5}_{0}$ dia.
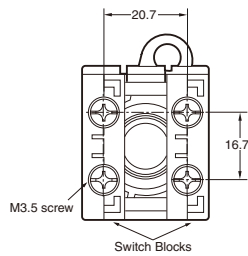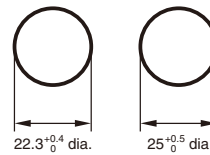
Lock fitting is provided as a standard item.

- 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.

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