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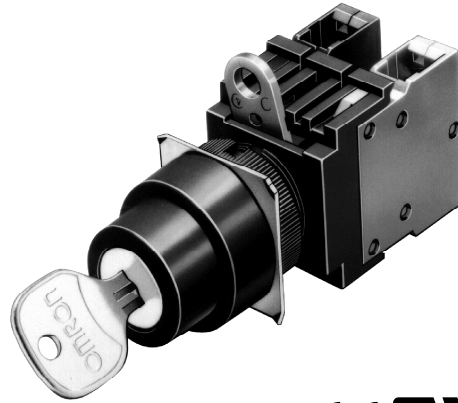


### Key-Type Selector Switch

### A22K

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

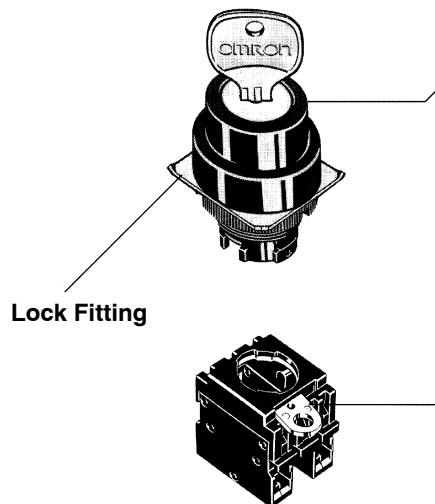
- Locking lever ensures easy mounting and removal of switch unit
- Increase wiring efficiency and decrease mounting depth with three-row mounting of switch unit contact blocks
- Finger-safe contacts
- Use optional 25-mm dia. ring to install in 25-mm dia. panel cutouts
- Install using either round, forked crimp terminals, or ferrules
- IP65 oil resistant: EN60947-5-1



This product was manufactured at OMRON Izumo. OMRON Izumo has obtained approvals from international certification bodies for its quality system and environmental control system.

## Ordering Information

### ■ CONSTRUCTION



#### Operational Unit

Number of Positions

- 2 Positions/3 Positions

#### Key Release Position

2 Positions



3 Positions



#### Switch Unit

- **Contacts**

SPST-NO, SPST-NC, SPST-NO + SPST-NC, DPST-NO, DPST-NC

## ■ PART NUMBER LEGEND

Shipped as a set which includes the Operational Unit and Switch Unit with contact blocks.

A22K- <sup>1</sup>- <sup>2</sup>

### 1 Number of Positions/Reset Method

| Code | Positions   | Reset method  | Key release position |
|------|-------------|---------------|----------------------|
| 2ML  | 2 positions | Maintained    | Left                 |
| 2M   |             |               | Left and right       |
| 2AL  |             | Spring return | Left                 |
| 3ML  | 3 positions | Maintained    | Left                 |
| 3M   |             |               | Left and right       |
| 3MC  |             |               | Center               |
| 3AC  |             | Spring return | Center               |

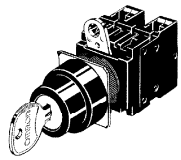






























### 2 Contacts

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

Note: \* for models with 2 Positions

Note: SPST= Single Pole, Single Throw  
DPST= Double Pole, Single Throw

## ■ KEY-TYPE SELECTOR SWITCH

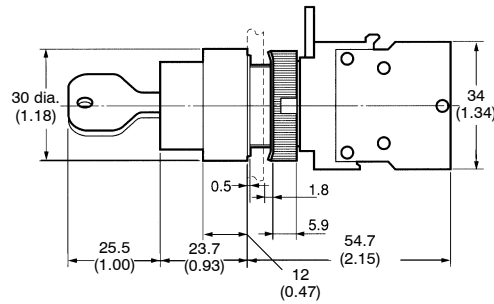
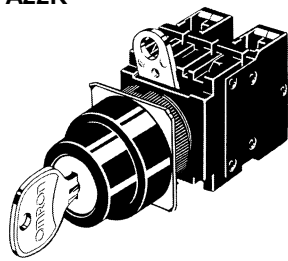
| Appearance  | Positions   | Operator type  | Contacts  | Key release position  | Color of Operational Unit | Part number  |  |             |
|---|-------------|--|---|---|---------------------------|--|--|-------------|
| Key-type selector switch<br> | 2 positions | Maintained<br>    | SPST-NO   |                 | Black                     | A22K-2ML-10  |  |             |
|   |             |  |   |                 |                           | A22K-2M-10   |  |             |
|   |             |  | SPST-NC   |                 |                           | A22K-2ML-01  |  |             |
|   |             |  |   |                 |                           | A22K-2M-01   |  |             |
|   |             |  | SPST-NO + SPST-NC   |                 |                           | A22K-2ML-11  |  |             |
|   |             |  |   |                 |                           | A22K-2M-11   |  |             |
|   |             |  | DPST-NO   |                 |                           | A22K-2ML-20  |  |             |
|   |             |                  |   | A22K-2M-20  |                           |  |  |             |
|   |             | DPST-NC  |                 | A22K-2ML-02   |                           |  |  |             |
|   |             |  |                 | A22K-2M-02  |                           |  |  |             |
|   |             | Spring return<br> | 2 positions   | Maintained<br> |                           | SPST-NO  |  | A22K-2AL-10 |
|   |             |  |   |   |                           | SPST-NC  |  | A22K-2AL-01 |
|   |             |  |   |   |                           | SPST-NO + SPST-NC  |  | A22K-2AL-11 |
|   |             |  |   |   |                           | DPST-NO  |  | A22K-2AL-20 |
|   | DPST-NC     |  |   |   | A22K-2AL-02               |  |  |             |
|   | 3 positions | Maintained<br>  | SPST-NO + SPST-NC   |               | Black                     | A22K-3ML-11  |  |             |
|   |             |  |   |               |                           | A22K-3M-11   |  |             |
|   |             |  |   |               |                           | A22K-3MC-11  |  |             |
|   |             |  | DPST-NO   |               |                           | A22K-3ML-20  |  |             |
|   |             |  |   |               |                           | A22K-3M-20   |  |             |
|   |             |  |   |               |                           | A22K-3MC-20  |  |             |
|   |             |  | DPST-NC   |               |                           | A22K-3ML-02  |  |             |
|   |             |                |   | A22K-3M-02  |                           |  |  |             |
|   |             |                |   | A22K-3MC-02   |                           |  |  |             |
|                           |             | A22K-3AC-11  |   |   |                           |  |  |             |
| Spring return<br>          |             | 3 positions  | Maintained<br> | SPST-NO + SPST-NC   |                           |  | A22K-3AC-11  |             |
|   |             |  |   | DPST-NO   |                           |  | A22K-3AC-20  |             |
|   |             |  |   | DPST-NC   |                           |  | A22K-3AC-02  |             |

# Dimensions

Unit: mm (inch)

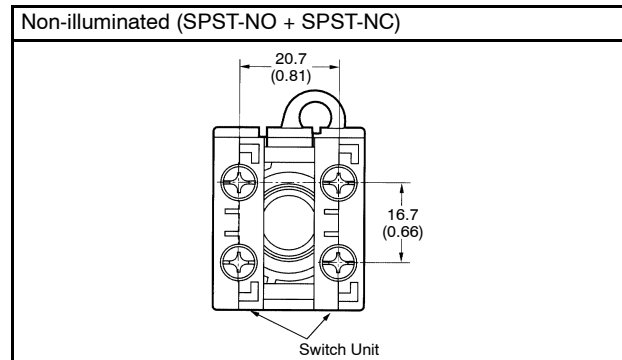
## KEY-TYPE SELECTOR SWITCH

A22K



## TERMINAL ARRANGEMENT

### Terminal Arrangement (Bottom View)

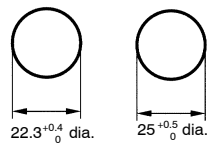


## TERMINAL CONNECTION

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

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

## PANEL CUTOUT DIMENSIONS















Note: When applying a coating such as paint to a panel, the dimensions should be those after the application of the coating.













A lock fitting is provided as a standard item.

## ■ CONTACT CONFIGURATION

### 2-Position Type

| Knob position   | SPST-NO   | SPST-NC   | SPST-NO + SPST-NC   | DPST-NO   | DPST-NC   |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  |  |  |  |  |  |

### 3-Position Type

| Knob position   | SPST-NO + SPST-NC   | DPST-NO  | DPST-NC   |
|---|---|--|---|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Note: For additional specifications and information refer to the *Common to all assemblies* section at the end of this publication.

**NOTE: DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters to inches divide by 25.4.**

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