Install in 22-mm dia. or $25-\mathrm{mm}$ 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 $25-\mathrm{mm}$ dia. ring to install in $25-\mathrm{mm}$ 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

$\qquad$
CONSTRUCTION


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.


KEY-TYPE SELECTOR SWITCH

| Appearance | Positions | Operator type | Contacts | Key release position | Color of Operational Unit | Part number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Key-type selector switch | 2 positions | Maintained | SPST-NO | 0 | Black | A22K-2ML-10 |
|  |  |  |  | (x) |  | A22K-2M-10 |
|  |  |  | SPST-NC | ( |  | A22K-2ML-01 |
|  |  |  |  | (x) |  | A22K-2M-01 |
|  |  |  | $\begin{aligned} & \text { SPST-NO + } \\ & \text { SPST-NC } \end{aligned}$ | (1) |  | A22K-2ML-11 |
|  |  |  |  | (x) |  | A22K-2M-11 |
|  |  |  | DPST-NO | (0) |  | A22K-2ML-20 |
|  |  |  |  | (x) |  | A22K-2M-20 |
|  |  |  | DPST-NC | (1) |  | A22K-2ML-02 |
|  |  |  |  | (x) |  | A22K-2M-02 |
|  |  | Spring return | SPST-NO |  |  | A22K-2AL-10 |
|  |  | $\checkmark$ | SPST-NC |  |  | A22K-2AL-01 |
|  |  |  | $\begin{aligned} & \hline \text { SPST-NO + } \\ & \text { SPST-NC } \end{aligned}$ | 0 |  | A22K-2AL-11 |
|  |  |  | DPST-NO |  |  | A22K-2AL-20 |
|  |  |  | DPST-NC |  |  | A22K-2AL-02 |
|  | 3 positions | Maintained | $\begin{aligned} & \text { SPST-NO + } \\ & \text { SPST-NC } \end{aligned}$ | 0 |  | A22K-3ML-11 |
|  |  | $\checkmark$ |  | (x) |  | A22K-3M-11 |
|  |  |  |  | (1) |  | A22K-3MC-11 |
|  |  |  | DPST-NO | (1) |  | A22K-3ML-20 |
|  |  |  |  | (x) |  | A22K-3M-20 |
|  |  |  |  | (1) |  | A22K-3MC-20 |
|  |  |  | DPST-NC | 0 |  | A22K-3ML-02 |
|  |  |  |  | (x) |  | A22K-3M-02 |
|  |  |  |  | (1) |  | A22K-3MC-02 |
|  |  | Spring return | $\begin{aligned} & \text { SPST-NO + } \\ & \text { SPST-NC } \end{aligned}$ | (1) |  | A22K-3AC-11 |
|  |  |  | DPST-NO | (1) |  | A22K-3AC-20 |
|  |  |  | DPST-NC | (1) |  | A22K-3AC-02 |

## Dimensions

Unit: mm (inch)
■ KEY-TYPE SELECTOR SWITCH


## TERMINAL ARRANGEMENT

Terminal Arrangement (Bottom View)


## 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.

## TERMINAL CONNECTION

| Type | Terminal connection |
| :--- | :---: |
| Non-illuminated | Bottom view |
|  | (1) |
|  | (2) |

[^0]
## CONTACT CONFIGURATION

## 2-Position Type

| Knob position | SPST-NO | SPST-NC | $\begin{aligned} & \hline \text { SPST-NO + } \\ & \text { SPST-NC } \end{aligned}$ | DPST-NO | DPST-NC |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\frac{1}{0} 0$ | - 1- | $\frac{1}{0-1}$ | $\frac{1}{0-0} 0$ | -10 - 10 |
|  | 0 | $\bullet \bullet$ | ${ }_{0}^{1} 0$ | $0^{1} 0 \quad 0{ }^{1} 0$ | $\bullet$ - $\bullet$ - |

3-Position Type

| Knob position | SPST-NO + SPST-NC |  | DPST-NO |  | DPST-NC |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }_{0}^{1} 0$ | - 1 | ${ }_{0}^{1} 0$ | $\frac{1}{0} 0$ | $\bullet$ - 0 | -1. |
|  | $\frac{1}{0-0}$ | -1. | $\frac{1}{0} 0$ | $\frac{1}{0.0}$ | -1. | -1. |
|  | $\frac{1}{0} 0$ | $\cdots$ | $\frac{1}{0 \quad 0}$ | $0^{10}$ | -1 | $\bullet$ - |

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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[^0]:    Note: The above terminal connection diagrams are examples for SPST-NO + SPST-NC.

