

## ■ Specifications

|                       |                                                |        |                    |
|-----------------------|------------------------------------------------|--------|--------------------|
| Operating Temperature | -20~+55℃                                       |        |                    |
| Operating Humidity    | 45~85%                                         |        |                    |
| Store Temperature     | -45~+80℃                                       |        |                    |
| Store Humidity        | 95%RH                                          |        |                    |
| Degree of Protection  | IP65(IEC 60529)<br>P20(IEC 60529)              |        |                    |
| Insulation Resistance | 100MΩ ( 500V DC)                               |        |                    |
| Dielectric Strength   | 2,500VAC/1<br>2,000VAC/1                       |        |                    |
| Vibration Resistance  | 10~500Hz                                       | 0.35mm | 50m/s <sup>2</sup> |
|                       | 10~500Hz                                       | 0.35mm | 50m/s <sup>2</sup> |
| Shock resistance      | 5~55Hz                                         | 0.5mm  |                    |
|                       | 30Hz                                           | 1.5mm  |                    |
| Mechanical Life       | 150 m/s <sup>2</sup><br>1,000 m/s <sup>2</sup> |        |                    |
|                       | 100 m/s <sup>2</sup><br>1,000 m/s <sup>2</sup> |        |                    |
| Electrical Life       | 250,000                                        |        |                    |
|                       | 5,000,000<br>1,000,000<br>250,000<br>100,000   |        |                    |
|                       | 250,000<br>100,000                             |        |                    |
|                       | 100,000                                        |        |                    |
|                       | 100,000                                        |        |                    |
|                       | 50,000                                         |        |                    |



## ■ LED / LED Ratings

| Unit type | Operating Voltage | Current consumption             | Color code                                                              |
|-----------|-------------------|---------------------------------|-------------------------------------------------------------------------|
| LSED-6②   | 6V AC/DC          | 10mA(A, R, Y)<br>7mA(G, PW, S)  | A : Amber<br>G : Green<br>PW White<br>R : Red<br>S : Blue<br>Y : Yellow |
| LSED-1②   | 12V AC/DC         | 14mA(A, R, Y)<br>13mA(G, PW, S) |                                                                         |
| LSED-2②   | 24V AC/DC         | 14mA(A, R, Y)<br>13mA(G, PW, S) |                                                                         |
| LSED-H②   | 110V AC/DC        | 5mA                             |                                                                         |
| LSED-M3②  | 230/240V AC/DC    | 3mA                             |                                                                         |
|           |                   |                                 |                                                                         |

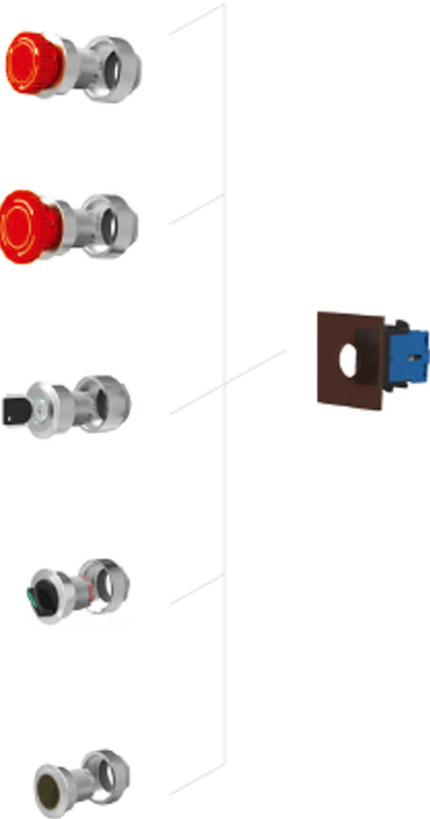
## ■ Contact Ratings

|                          |         |      |      |       |      |
|--------------------------|---------|------|------|-------|------|
| Rated insulation voltage |         | 600V |      |       |      |
| Rated current            |         | 10A  |      |       |      |
| Rated voltage            |         | 24V  | 120V | 240V  | 380V |
| AC<br>(50/60Hz)          | (AC-12) | 10A  | 10A  | 6A    | 2A   |
|                          | (AC-15) | 10A  | 6A   | 3A    | 1.9A |
| DC                       | (DC-12) | 8A   | 2.2A | 1.1A  | -    |
|                          | (DC-13) | 4A   | 1.1A | 0.55A | -    |

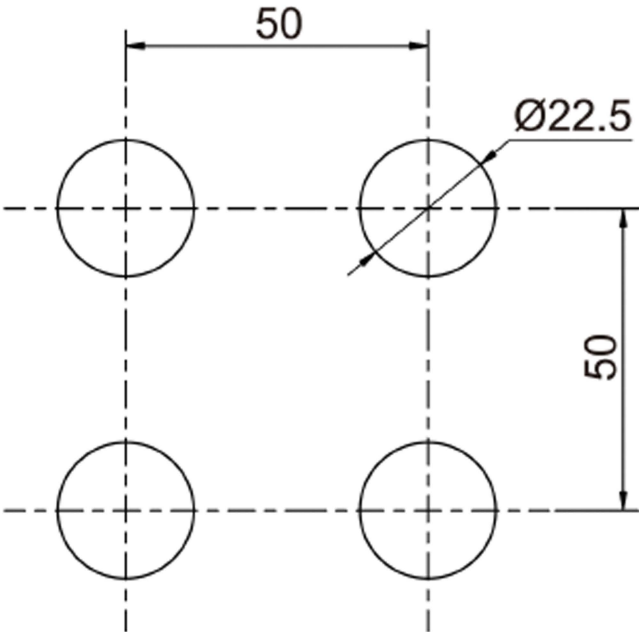
## ■ How to order

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  |  |                                                                                                                            |
| Mounting Size                                                                       | Operation Type                                                                      | Operation Characteristic                                                            | Contact Structure                                                                   | Selection Code                                                                                                                                                                                                 |
| Ø30                                                                                 | 4: Selector (2P)<br>5: Selector (3P)<br>6: Key Switch (2P)<br>7: Key Switch (3P)    | 1: Round                                                                            | 10: NO<br>1: NC<br>20: 2NO<br>2: NC<br>11: NO+NC                                    | 2: 2 position Maintained<br>3: 3 position Maintained<br>0: 2 position Momentary<br>7: 3 position Left Momentary, Right Maintained<br>6: 3 position Right Momentary, Left Maintained<br>1: 3 position Momentary |

■ Diagram of Switch and Actuators



■ Installation Size



■ Selector Switch and Key Lock Switch Code

| Sort     | Reset Type                                                                          |                                                                                     |                                                                                     |                                                                                     | Key out Positon                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|          | Maintained                                                                          | Momentary                                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
| Positon  |  |  |                                                                                     |                                                                                     |  |  |                                                                                     |  |                                                                                       |                                                                                       |                                                                                       |  |
| Code     | 2                                                                                   | 0                                                                                   |                                                                                     |                                                                                     | A                                                                                   | B                                                                                   |                                                                                     | D                                                                                     |                                                                                       |                                                                                       |                                                                                       |  |
| 3Positon |  |  |  |  |  |  |  |  |  |  |  |  |
| Code     | 3                                                                                   | 7                                                                                   | 6                                                                                   | 1                                                                                   | A                                                                                   | B                                                                                   | C                                                                                   | D                                                                                     | E                                                                                     | F                                                                                     | G                                                                                     |  |

Selector/Key basic rotation angle 90°

# RJSAS30E Selector Switch Series



Ø 30mm Selector Switch

| Product appearance                                                                                                       | Illuminated type | Positions                                                                           | Operation  | Contact | Rated Voltage                                            |
|--------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------|------------|---------|----------------------------------------------------------|
| <div>Selector Switches</div>             | Without LED      |    | Momentary  | 1NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NO+1NC |                                                          |
|                                                                                                                          |                  |    | Maintained | 1NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NO+1NC |                                                          |
|                                                                                                                          |                  |  | Maintained | 2NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NO+1NC |                                                          |
| <div>Selector Switches with LED</div>  | With LED         |  | Momentary  | 1NO     | D:24VDC<br>E:12VDC<br>F:6.3VDC<br>A1:110VAC<br>A2:220VAC |
|                                                                                                                          |                  |                                                                                     |            | 1NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NO+1NC |                                                          |
|                                                                                                                          |                  |  | Maintained | 1NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NO+1NC |                                                          |
|                                                                                                                          |                  |  | Maintained | 2NO     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 2NC     |                                                          |
|                                                                                                                          |                  |                                                                                     |            | 1NO+1NC |                                                          |

Drawing

Suggested Panel Cut Out

