



■ Features

- Installation diameter: 16mm
- Degree of Protection: IP65
- Silver Plated of contact: 3 μ
- Compact design saves space
- Shade UV
- LED
- Super bright LED cold light source lamp display



■ Related certification

| Standard | signal | |
|--------------------------|--------|-----------------------------------|
| UL 508 | | UL Recognized File No. E307512 |
| EN60947-1 EN60947-5-1 | | |
| GB 14048.5 | | |

■ Specifications

| | |
|-------------------------|--|
| Degree of Protection | IP 65 Watertight /Oiltight |
| Contact Configuration | Single Pole, Double Pole |
| Maximum Voltage | 250V AC/DC |
| Thermal Current | 5A |
| Minimum Applicable Load | 5V AC/DC, 1mA |
| Contact Material | Gold-plated silver |
| Terminal Style | .110" Solder/Quick Connect |
| Operating Temperature | -25°C to +55°C |
| Operating Humidity | 45 to 85% RH |
| Contact Resistance | 50MΩ maximum |
| Insulation Resistance | 100MΩ minimum (500V DC megger) |
| Vibration Resistance | 10 to 55Hz, amplitude 1.2mm p-p |
| Degree of Protection | >10g |
| Electrical Life | 100,000 operations minimum (at full rated load) |
| Mechanical Life | Maintained: 1,000,000 operations minimum Momentary: 1,000,000 operations minimum Selector/Keylock: 250,000 operations minimum |
| Dielectric Strength | Switch Unit: 2,000V AC, 1min. between live/dead part and terminals of different poles; 1,000V AC, 1 minute between terminals of the same pole; 1,500V AC, 1 minute between contact and lamp terminals. Illumination Unit: 2,000V AC, 1min. between live Part/ground |
| Soldering Temperature | 20W/5 Seconds or 260C/3 seconds |

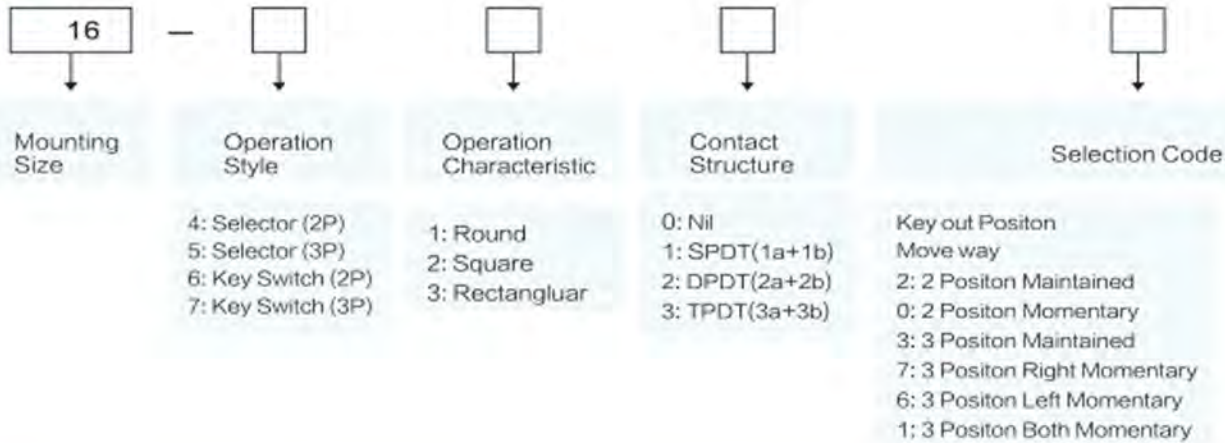
■ Contact Ratings

| Working voltage | | 24V | 110V | 220V |
|-----------------|-----------|------|------|------|
| AC (50/60Hz) | Resistive | — | 1.0A | 0.5A |
| | Inductive | — | 0.7A | 0.5A |
| DC | Resistive | 1.0A | 0.2A | — |
| | Inductive | 0.7A | 0.1A | — |

■ LED Ratings

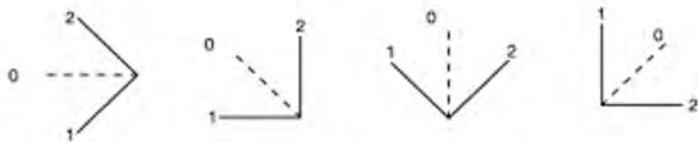
| Rated Voltage | Current |
|-------------------|----------------------------------|
| 5V DC ± 5% | 8mA |
| 6V AC/DC (± 10%) | AC: A, R, W, Y: 8mA G, S: 7mA |
| | DC: A, R, W, Y: 6mA G, S: 5mA |
| 12V AC/DC (± 10%) | AC: 9mA DC: 8mA |
| 24V AC/DC (± 10%) | AC: 9mA DC: 8mA |

How to Order



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

Selector/Key basic rotation angle 90°

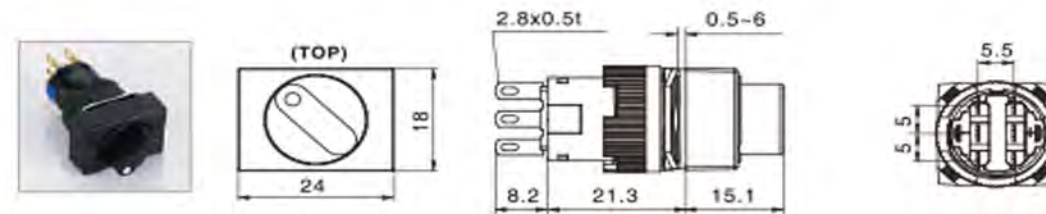
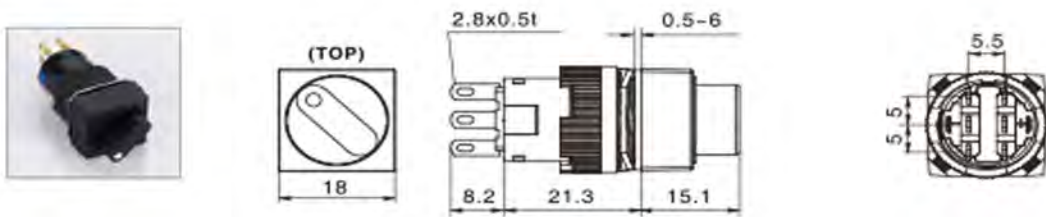
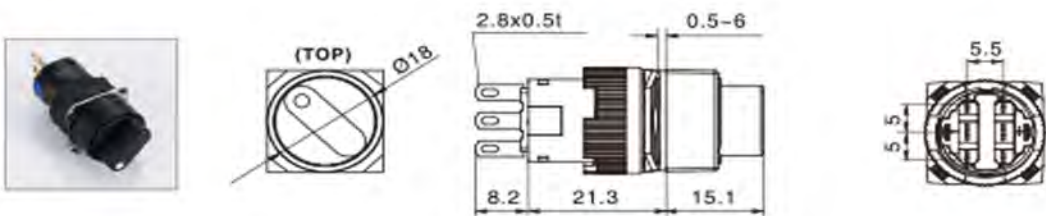


RJSPS16A

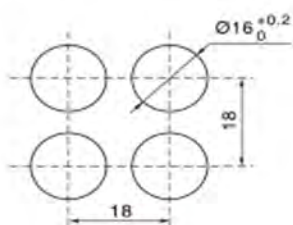
| Product appearance | Operation | | Contact | |
|--|--------------------|---|-----------------------|------|
| <p>Round</p>  <p>UL CE CCC</p> | 90° 2 2 Postion |  | Maintained | SPDT |
| | |  | Momentary | SPDT |
| | |  | Maintained | DPDT |
| | |  | Momentary | DPDT |
| | 90° 3 3 Postion |  | Maintained | DPDT |
| | |  | Left lock Right reset | DPDT |
| | |  | Left reset Right lock | DPDT |
| | |  | Momentary | DPDT |
| <p>Square</p>  <p>UL CE CCC</p> | 90° 2 2 Postion |  | Maintained | SPDT |
| | |  | Momentary | SPDT |
| | |  | Maintained | DPDT |
| | |  | Momentary | DPDT |
| | 90° 3 3 Postion |  | Maintained | DPDT |
| | |  | Left lock Right reset | DPDT |
| | |  | Left reset Right lock | DPDT |
| | |  | Momentary | DPDT |
| <p>Rectangle</p>  <p>UL CE CCC</p> | 90° 2 2 Postion |  | Maintained | SPDT |
| | |  | Momentary | SPDT |
| | |  | Maintained | DPDT |
| | |  | Momentary | DPDT |
| | 90° 3 3 Postion |  | Maintained | DPDT |
| | |  | Left lock Right reset | DPDT |
| | |  | Left reset Right lock | DPDT |
| | |  | Momentary | DPDT |

Selector and Key Switch Handle Position

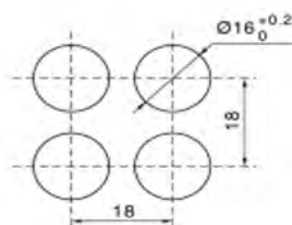
| Operation | | Contact | | |
|---------------------|---------------------------|----------|-----------------|-----------------|
| | | ↙ | ↑ | ↗ |
| 90° 2 2 Position | Maintained | SPDT | | NO NC |
| | Momentary | DPDT | | NO NC NO NC |
| 90° 3 3 Position | Maintained | TPDT | | NO NC NO NC |
| | Left lock Right reset | | NO NC NO NC | |
| | Left reset Right lock | | NO NC NO NC | |
| | Momentary | | NO NC NO NC | |



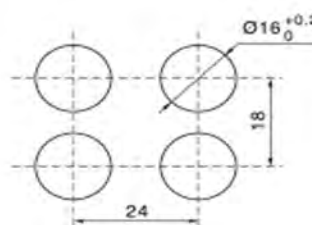
Installation size



Round



Square

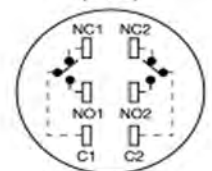


Rectangle

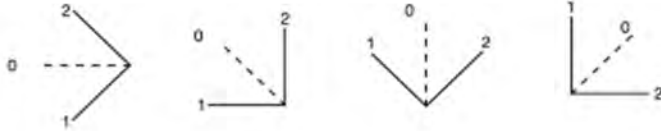
Terminal style




Push Button

(TOP)



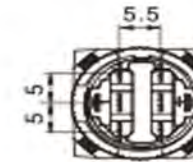
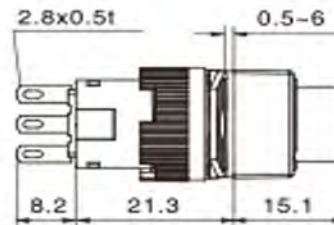
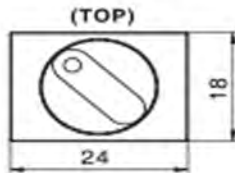
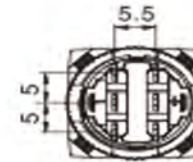
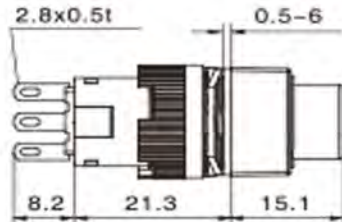
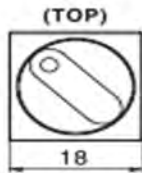
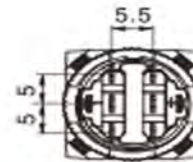
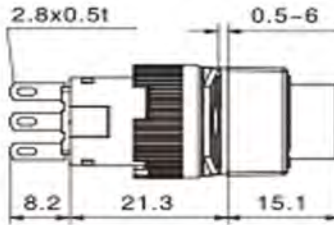
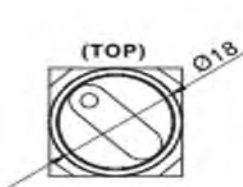
RJSPS16A



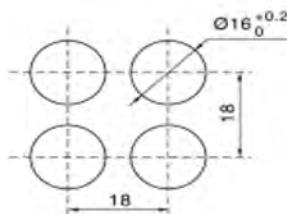
| Product appearance | Operation | | Contact | Top Color | Rated Voltage | |
|--|---------------------|---|---------|-----------------|--|--|
| Round   | 90° 2 2 Position |  /Maintained | /SPDT | | D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC | |
| | |  Momentary | /SPDT | R Red | | |
| | |  Maintained | DPDT | G Green | | |
| | |  Momentary | DPDT | Y Yellow | | |
| | 90° 3 3 Position |  Maintained | DPDT | W White | | |
| | |  Left lock Right reset | DPDT | B Blue | | |
| | |  Left reset Right lock | DPDT | | | |
| | |  Momentary | DPDT | | | |
| | | | | | | |
| | | | | | | |
| Square   | 90° 2 2 Position |  Maintained | /SPDT | | | |
| | |  Momentary | /SPDT | R Red | | |
| | |  Maintained | DPDT | G Green | | |
| | |  Momentary | DPDT | Y Yellow | | |
| | 90° 3 3 Position |  Maintained | DPDT | W White | | |
| | |  Left lock Right reset | DPDT | B Blue | | |
| | |  Left reset Right lock | DPDT | | | |
| | |  Momentary | DPDT | | | |
| | | | | | | |
| | | | | | | |
| Rectangle   | 90° 2 2 Position |  Maintained | /SPDT | | | |
| | |  Momentary | /SPDT | R Red | | |
| | |  Maintained | DPDT | G Green | | |
| | |  Momentary | DPDT | Y Yellow | | |
| | 90° 3 3 Position |  Maintained | DPDT | W White | | |
| | |  Left lock Right reset | DPDT | B Blue | | |
| | |  Left reset Right lock | DPDT | | | |
| | |  Momentary | DPDT | | | |
| | | | | | | |
| | | | | | | |

Selector and Key Switch Handle Positon

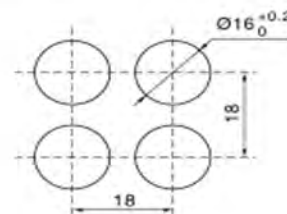
| Operation | | Contact | ↙ | ↑ | ↗ |
|--------------------|---------------------------|---------|---|---|---|
| 90° 2 2 Positon | Maintained | SPDT | | | |
| | Momentary | DPDT | | | |
| 90° 3 3 Positon | Maintained | TPDT | | | |
| | Left lock Right reset | | | | |
| | Left reset Right lock | | | | |
| | Momentary | | | | |



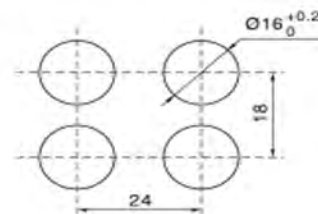
Installation size



Round

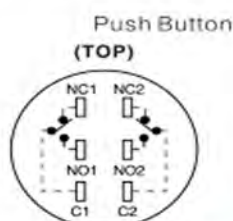


Square

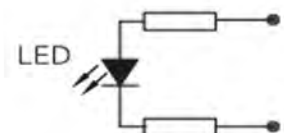


Rectangle

Terminal style



LED Circuit



12VDC, 24VDC, 110VAC, 220VAC
for 12VDC, 24VDC, 110VAC, 220VAC