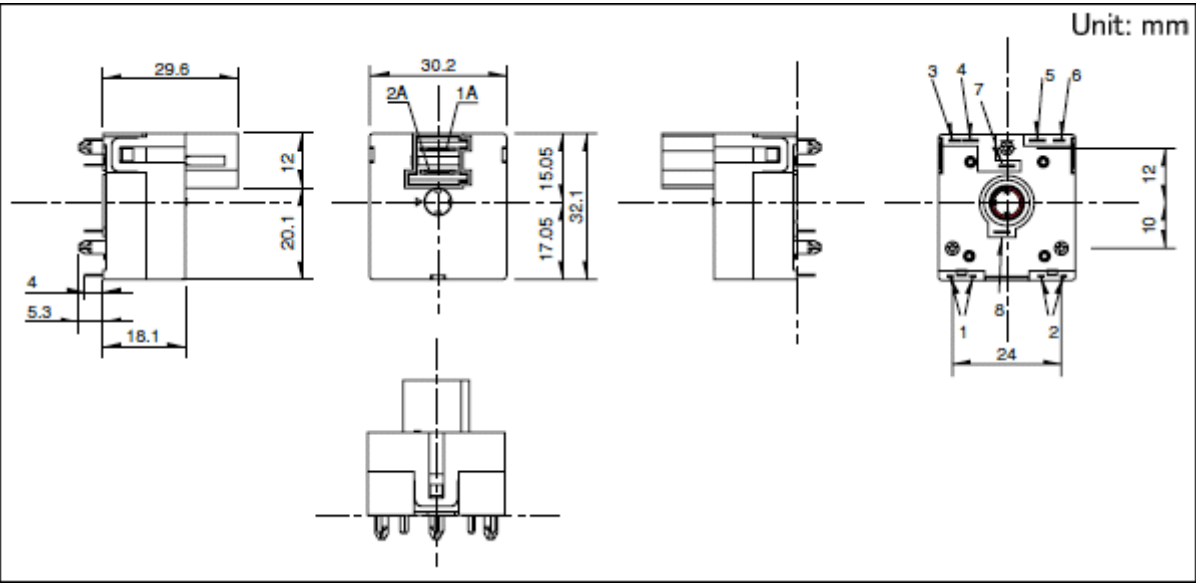


## Rotary Type with Encoder SDKZ Series

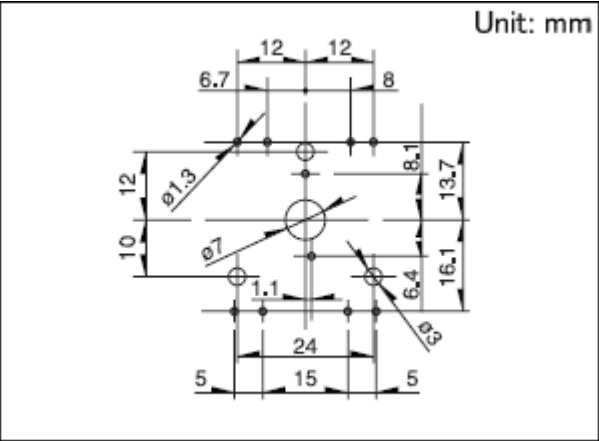
|                             |                                      |                                  |                                |
|-----------------------------|--------------------------------------|----------------------------------|--------------------------------|
| Type                        | Rotary                               |                                  |                                |
| Circuit arrangement         | DPST                                 |                                  |                                |
| Torque                      | From "OFF" position to "ON" position |                                  | 14±3N                          |
|                             | Other positions                      |                                  | 10±3N                          |
| Operating direction         | Vertical                             |                                  |                                |
| Positions                   | 25                                   |                                  |                                |
| Mounting method             | PC board                             |                                  |                                |
| Terminal type               | Straight                             |                                  |                                |
| Operating temperature range | -10℃ to +70℃                         |                                  |                                |
| Max rating                  | Power                                |                                  | 16(6)A 250V AC, 14(6)A 250V AC |
|                             | Encoder                              |                                  | 0.1A 12V DC                    |
| Electrical performance      | Contact resistance                   | Power                            | 100mΩ max.                     |
|                             |                                      | Encoder(Initial/After life test) | 1Ω max./1Ω max.                |
|                             | Insulation resistance                | Power                            | 500MΩ min. 500V DC             |
|                             |                                      | Encoder                          | 100MΩ min. 100V DC             |
|                             | Voltage proof                        | Power                            | 2,000V AC for 1 minute.        |
|                             |                                      | Encoder                          | 100V AC for 1 minute.          |
| Mechanical performance      | Terminal strength                    | Power                            | 20N                            |
|                             |                                      | Encoder                          | 5N                             |
|                             | Actuator strength                    | Perpendicular direction          | 30N                            |
| Durability                  | Operating life                       | Power                            | 10,000 cycles 16A 250V AC      |
|                             |                                      | Encoder                          | 30,000 cycles 0.1A 12V DC      |

|                           |           |                       |
|---------------------------|-----------|-----------------------|
| Environmental performance | Cold      | -40℃ 240h             |
|                           | Dry heat  | 85℃ 240h              |
|                           | Damp heat | 40℃, 90 to 95%RH 240h |
| Minimum order unit (pcs.) | Japan     | 288                   |
|                           | Export    | 288                   |

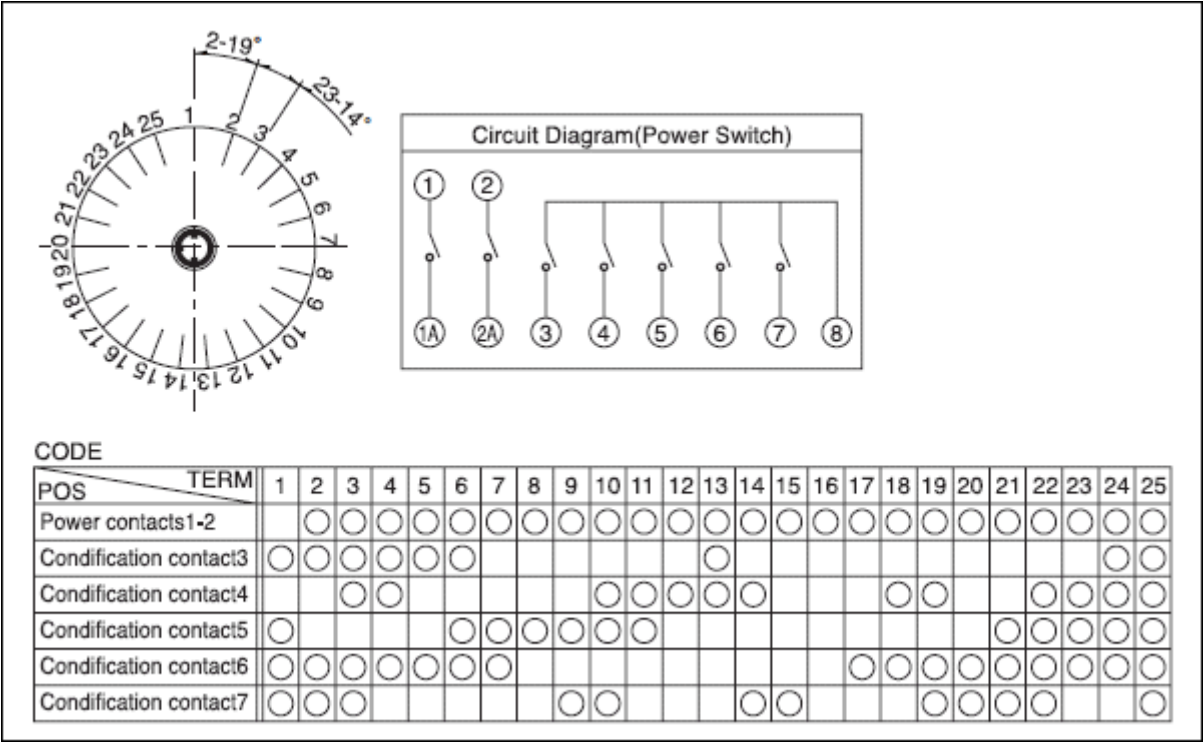
Dimensions



Mounting Hole Dimensions



Standard Code



Packing Specifications

Tray

|                                  |                         |     |
|----------------------------------|-------------------------|-----|
| Number of packages               | 1 case / Japan          | 288 |
| (pcs.)                           |                         |     |
|                                  | 1 case / export packing | 288 |
| Export package measurements (mm) | 411×311×217             |     |

Soldering Conditions

Reference for Dip Soldering

|               |                       |        |
|---------------|-----------------------|--------|
| Dip soldering | Soldering temperature | 260±5℃ |
|               | Duration of immersion | 10±1s  |

Reference for Hand Soldering

|                       |         |
|-----------------------|---------|
| Soldering temperature | 350±10℃ |
| Soldering time        | 3+1/0s  |

Notes are common to this series/models.

1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Please place purchase orders per minimum order unit (integer).