

# KCD1-311 Red 3-Pin 6A ON-OFF Toggle Switch



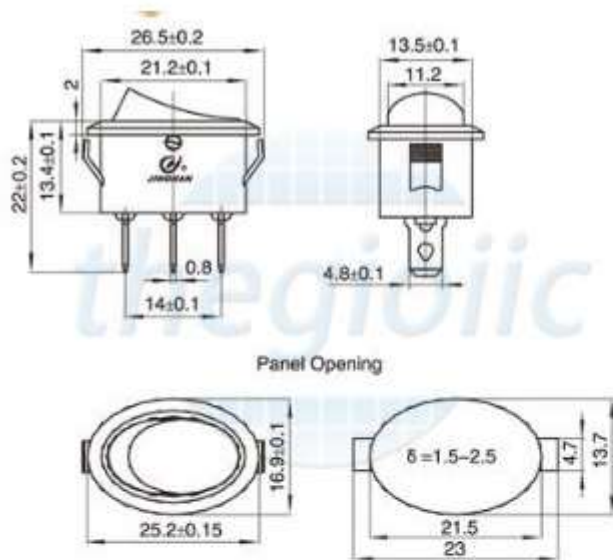
| Properties     | Value           |
|----------------|-----------------|
| Type           | ON-OFF          |
| Rated current  | 6A              |
| LED lights     | Are not         |
| Mounting type  | Attach to board |
| Key color      | Red             |
| Key shape      | Round           |
| Connector Type | Weld            |

| Properties     | Value |
|----------------|-------|
| Number of legs | 3     |
| RoHS           |       |

#### Product Description

|                         |                    |
|-------------------------|--------------------|
| Work                    | On-Off             |
| Rated current           | 6A                 |
| LED lights              | Are not            |
| Key color               | Red                |
| Mounting type           | Board Mounting     |
| IP Index                | IP40               |
| Terminal connector type | Weld               |
| Key shape               | Round              |
| Lifespan                | 50000 times        |
| Operating temperature   | -20 → +55°C        |
| Size                    | 22.5 x 17 x 13.5mm |
| Contact resistance      | 100mΩ              |

|                  |           |
|------------------|-----------|
| Contact material | Copper    |
| Rated voltage    | 250VAC    |
| Shell material   | Polyamide |



| Item                           | Parameter                                   |
|--------------------------------|---|
| Rated voltage<br>Rated current | 6A 250V AC<br>10A 125V AC<br>10(6)A 250V AC |
| Insulated resistance           | $\geq 100M \Omega$                          |
| Contact resistance             | $\leq 50m \Omega$                           |
| Dielectric strength            | 1500VAC/5S                                  |
| Endurance                      | $\geq 10000$ Cycles                         |
| Ambient temperature            | T 85  |

| Series No   | Circuit diagram | Terminal           | Making                      | Color code |
|-------------|-----------------|--------------------|-----------------------------|------------|
| KCD1-311/2P | ON-OFF          | A<br><br>4.8 × 0.8 | 1 No Making<br>2 O —<br>3 ● | K<br>W     |
| KCD1-311/3P | ON-ON           | B<br><br>3 × 0.8   | 4<br>5 O —<br>6 OFF ON      | Y<br>R     |
| KCD1-311/N  | ON-OFF          | T<br><br>1.2 × 0.8 | 7 I O   <br>8               | G<br>O     |
| KCD1-311/D  | ON-OFF-ON       |                    |                             | B          |