



PRODUCT FLYER

RTE Series

Low Profile Rotary DIP Switches

For designers of timers, automation components, alarms, access controls, and smoke detectors, C&K's RTE series low-profile rotary DIP switches are the preferred choice.

These miniature switches are available with a robust metal cover (in either black or silver nickel finish), a large choice of coding – and in a vertical, right angle, or reverse version. It has wider applications in industrial, automotive, and medical.



The movable contacts are made from gold-plated copper alloy for high reliability, and their shape provides a positive detent to each position, ensuring accurate operation. The RTE switches cover the industrial temperature range of -25°C to +85°C.

The full automation product lines provide cost-efficiency and high reliability for high volume production.

| Series | RTE04 | RTE10 | RTE16 |
|-----------------------------|--|-----------------------|-----------------------|
| | | | |
| Positions | 4 | 10 | 16 |
| Termination | N Thru-hole V Right angle G Surface mount R Reverse, thru-hole | | |
| Actuation | Flush, screwdriver slot / Shaft for button | | |
| Operating life | 20 000 cycles | | |
| Switch Function | Single pole | BCD Code Gray Code | BCH Code Gray Code |
| Contact / Terminal Material | Gold 0.5 µm / Lead-free tin Gold 1 µm / Gold | | |
| Soldering | THT / SMT | | |
| ESD protection | With - Standard plate Without - Standard plate or Black plate | | |
| Dimensions (mm) | Vertical PCB Thru-hole version size: 7.4mm X8mm, 4.2mm height Vertical SMT Gull Wing version size: 7.2mm X7.4mm, 3.8mm height | | |



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Switches

RTE APPLICATIONS

INDUSTRIAL SOLUTIONS

Factory Automation

- PLCs
- Timers,
- Control & Safety Relays
- Motor protection & Control
- Inverters
- Circuit breakers
- Overload relays
- Charging stations
- M2M Communication (setting comms channels)

Building Automation

- Lighting control unit
- Heating controller / cooling devices
- Elevator controls

Safety & Security

- Smoke Detectors
- Door intercoms
- Alarms
- Access control
- Smart Home (setting comms channels)

AUTOMOTIVE SOLUTIONS

Interiors

- Power boards

MEDICAL SOLUTIONS

Minimally Invasive Surgical

- MRI Patient Monitoring System
- Defibrillator
- Nurse Call System