

Microswitch KW10-1A-E, 1A/125VAC, SPDT (NO/NC), solder terminals

Reference: AM6613
EAN13: -
HS code: 85365080



Product attributes:

Product features:

Current: 1 A
Rated voltage: 125 V AC

Product description:

Compact microswitch (snap-action) for position detection, limit stops and control buttons in low-power applications. The switch is equipped with three terminals for connecting a common contact (COM) and NO/NC contacts, which allows it to be used as a changeover contact (SPDT).

Technical specifications

- Type: micro switch, push-button/snap-action mechanism
- Contacts: SPDT (COM, NO, NC)
- Rated load: 1A/125VAC
- Temperature range: -25 to +125 °C
- Contact resistance: $\leq 0.03 \Omega$
- Insulation resistance: $\geq 100 \text{ M}\Omega$
- Dielectric strength: AC 1500 V (50 Hz) / 1 min
- Insertion and extraction force: 3 to 20 N
- Leads: soldered (THT)
- Contact/terminal material: copper
- Certification: CE, RoHS
- Operating temperature: -25°C to 70°C
- Protection: IP00
- Lifespan: 100,000 switching cycles
- Body dimensions: 12.9 mm (length) x 5.9 mm (width) x 6.5 mm (height)

Functions and features

- Snap-action contacts for repeatable switching
- Possibility to select NO or NC function according to the connection
- Compact design suitable for devices with limited space
- Through-hole mounting into PCB (THT) with soldered leads

Ideal for

- Buttons and switches in small electronics
- Position detection, limit switches and simple mechanical motion sensing
- Repairs and servicing of peripherals and consumer electronics (e.g. switching elements in drives)
- Prototypes and development devices with mechanical control

Package contents

- 1x microswitch YD-003

Why choose this product?

- Standard SPDT (COM/NO/NC) wiring for flexible use in circuits
- Compact dimensions suitable for mounting on PCBs and small assemblies
- Load rating listed 1A/125VAC for low power switching

Installation and operating instructions

- Before designing the wiring, verify the layout of the COM/NO/NC terminals according to the markings on the switch body and the PCB installation documentation.
- When soldering, follow normal procedures for THT components and avoid excessive thermal stress on the leads.
- For reliable function, ensure correct mechanical seating of the control element on the switch button and avoid permanent

overloading.

Safety notice

- The switch can be used in circuits with mains voltage (according to the marking 125VAC). When working with mains voltage devices, disconnect the power supply and follow the principles of safe handling.
- Observe the insulation distances and design rules of the device; do not exceed the rated load of the contacts.

