# 1NO1NC Emergency Stop (e-stop) – Datasheet

**General Specifications**

- **Button Type**: Emergency Stop (E-Stop)

- **Contact Configuration**: 1 Normally Open (NO) + 1 Normally Closed (NC)

- **Panel Mounting Hole Diameter**: 16 mm

- **Head Diameter**: 24.75 mm

- **Total Length**: 48.05 mm

- **Rated Current**: 6A @ 230VAC

- **Rated Voltage**: 250VAC

- **Contact Material**: Silver Alloy

- **Insulation Resistance**: ≥ 100MΩ

- **Dielectric Strength**: 2000VAC, 1 minute

- **Operating Temperature Range**: -25°C to +85°C

**Mechanical Specifications**

- **Actuation Force**: 10N - 15N

- **Mechanical Life**: 500,000 operations

- **Electrical Life**: 50,000 operations

- **Contact Resistance**: ≤ 50mΩ

- **Ingress Protection (IP) Rating**: IP65 (Dust-tight and water-resistant)

**Material**

- **Button Head**: Anodized Aluminium

- **Body**: Metal or high-strength plastic

**Wiring/Connection Instructions**

- **Connection Type**: Solder Terminals

- **Terminal Markings**:

    o **NO**: Normally Open (Opens upon pressing the button)

    o **NC**: Normally Closed (Closes upon pressing the button)

- **Pinout**:

  o **NO Pin**: Connect to the circuit that requires interruption when the e-stop is pressed.

  o **NC Pin**: Connect to the circuit that must complete (i.e., send a signal) when the e-stop is pressed.

  o **COM (Common)**: Common terminal connected to both NO and NC pins.

- **Wiring Example**:

  o To stop a machine, connect the machine's control circuit to the NO pin.

  o If you need an indicator light or an alarm upon activation, connect this to the NC pin.

**Dimensions:**

- **Panel Cutout**: 16 mm diameter

- **Head Diameter**: 24.75 mm

- **Total Length**: 48.05 mm

- **Mounting Depth**: Approx. 35 mm (behind panel)

**Mounting Method:**

- **Panel Mount**: Insert through a 16 mm hole, then secure with a lock nut from the rear.



Mounting Diameter: 16mm
Head Diameter: 24.75mm
Total Length: 48.05mm