

# Emergency Stop Push Button Switch with Key Release

This emergency stop push button switch features a mushroom-shaped actuator. The key-operated release mechanism provides a reliable and easily accessible emergency stop function.



## ADDITIONAL IMAGES



## Product Overview

**Model and meanings**

Refer to the introduction  
According to structure type (Refer to the introduction)  
Optional: Switch denotes normal type signal lamp (T) or denotes emergency type signal lamp (T) or denotes structure (Refer to the introduction)  
Material: "P" in 6 denotes metal type, "E" in 6 denotes plastic type  
Design code  
Push button and Signal lamp

① Denotes middle base material: "B" in 1 means metal type, "E" in 1 means plastic type  
② Letters denotes circuit type

A: Flush button      C: 0.05A/250V button      B: 0.05A/250V button      D: Standard handle knob  
J: Long handle knob      G: Key switch      L: Control button      E: Button with water-proof cover  
S: Turn to release type emergency button      T: Flush and pull type emergency button  
W: Button with lamp      A: Switch with lamp      H: Auto-locking emergency button      Y: Indicator lamp

③ Optional: Switch denotes normal type signal lamp (T) or denotes emergency type signal lamp  
④ The number after 0.05A/250V: means the rated current  
The number after 0.05A/250V means the method of safety switch (Refer to 2.2.4.3)  
The number after 1 means the change of middle base structure (Refer to 2.2.4.3)  
The number after 1 means mechanism kind: 0 means 0.05A, 1 means 0.4A, 2 means 0.6A  
The number after W means the state of reset button to lock  
⑤ The number of signal type: The number after 1 means kind  
1 means 1NO, 2 means 2NC, 3 means 2NO, 4 means 2NC, 5 means 1NO+1NC, 6 means 1NO, 7 means 2NC+1NO, 8 means 2NO+2NC

Modular design and model configuration guide.

## Emergency Stop Push Button Switch

This emergency stop mushroom push button switch is engineered for critical safety applications in industrial control circuits. Featuring a robust key-release mechanism, it ensures that once an emergency stop is activated, the system cannot be restarted without authorized key access. Built with high-grade materials and compliant with international electrical standards, it provides reliable interruption of AC and DC circuits.

## Technical Specifications

Rated Insulation Voltage	600 V
Conventional Heating Current	10 A
Insulation Resistance	e5MΩ
Contact Resistance	d25Ω
PF Withstand Voltage	AC 2.5KV/min
Voltage Wave	±20%

## Performance Metrics

### Mechanical Life

**1000000 cycles**

Pushbutton

**500000 cycles**

Selector Switch

### Electrical Life

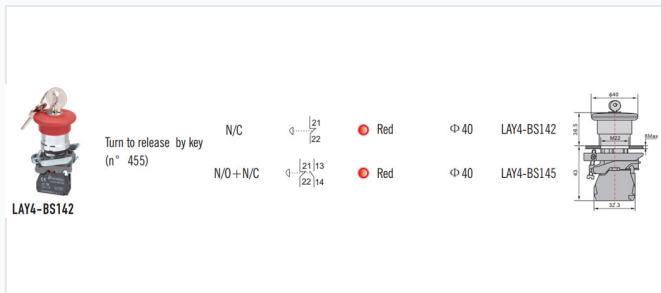
**500000 cycles**

Pushbutton

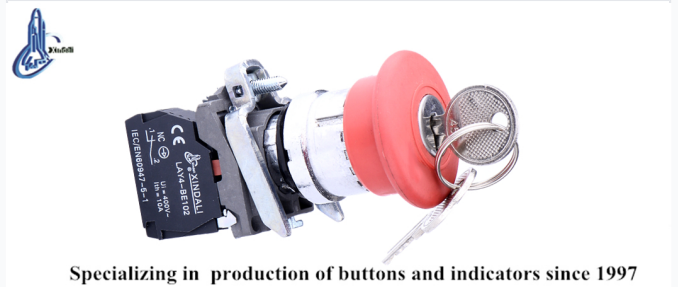
**250000 cycles**

Selector Switch

## Design & Compliance



Dimensional drawing and key-release mechanism details.



Product certification and electrical rating details.

### Compliance Standards

- GB/T14048.1
- IEC60947-5-1

### Certifications

CE, ISO 9001, RoHS, UL

### Mounting Hole Diameter

22 mm

### Mushroom Head Diameter

40 mm