

# Key-Operated Emergency Stop Push Button Switch with Red Mushroom Actuator

This key-operated emergency stop push button switch features a red mushroom-shaped actuator. It is designed for elevator applications and provides a reliable means of halting equipment operation in emergency situations.



## ADDITIONAL IMAGES



## Overview

### Industrial Emergency Stop Switch

The LAY4-ES142 is a high-performance, key-operated emergency stop push button switch featuring a distinct red mushroom-shaped actuator. Designed for critical safety applications in elevators and industrial machinery, this switch offers reliable power interruption and a secure key-reset mechanism to prevent unauthorized restarts. Built with a zinc alloy body and high-grade anti-flame materials, it ensures durability and safety compliance in demanding environments.

## Electrical Specifications

|                                   |              |
|-----------------------------------|--------------|
| Rated Insulation Voltage          | 600 V        |
| Conventional Heating Current      | 10 A         |
| Insulation Resistance             | e5M©         |
| Contact Resistance                | d25h©        |
| Power Frequency Withstand Voltage | AC 2.5KV/min |

## Performance Metrics

### Mechanical Life

**1000000 cycles**  
Pushbutton

**500000 cycles**  
Selector Switch

### Electrical Life

**5000000 cycles**  
Pushbutton

**250000 cycles**  
Selector Switch

## Compliance & Standards

### Applicable Standards

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

### Certifications

CE, ISO9001, ROHS, UL

## Technical Details

### Construction Materials

Zinc Alloy • Anti-flame Plastic • Silver Alloy Contacts

### Operational Suitability

Suitable for AC circuits up to 660V/60Hz and DC circuits below 400V. Ideal for control signals, interlocking, and emergency warning systems in industrial control panels.