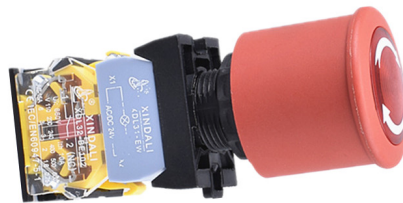


# 22mm Mushroom Head Emergency Stop Button with LED

This 22mm mushroom head emergency stop button is designed with an LED indicator. It features a twist-to-release mechanism for quick and safe operation in emergency situations.



## Product Overview



Specializing in production of buttons and indicators since 1997

XDL32-ESLW545 industrial safety switch with LED indicator.

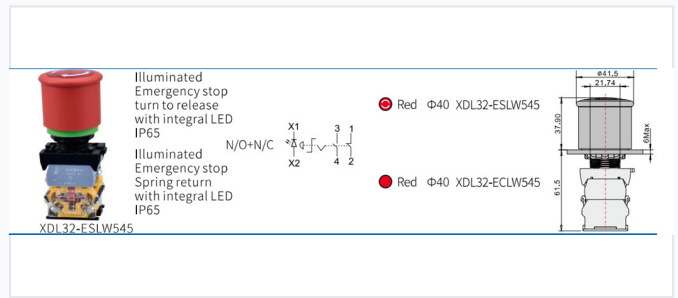
## Industrial Emergency Stop Solution

This 22mm mushroom head emergency stop button is designed for critical safety applications in industrial control circuits. It features a reliable LED indicator for status visibility and a twist-to-release mechanism for immediate emergency intervention. Engineered with high-grade zinc alloy and anti-flammable materials, this switch ensures durability and consistent performance in demanding electrical environments.

## Technical Specifications

| Character                          |  |
|------------------------------------|--|
| Environment                        |  |
| Reached standard                   | IEC60947-5-1, GB/T14048.1, GB14048.5   |
| Surrounding temperature            | Operation: -5°C~+55°C, Storage: -25°C~+70°C  |
| Anti-vibration property            | Mushroom head button: 10g, other buttons and indication lamp: 15g(40Hz<Frequency<200Hz)                                  |
| Anti-impact                        | Button: 70g Mushroom head button: 15g, Selector switch: 200g   |
| Protection grade                   | IP65: Flush head and extended head, with or without indication lamp button (installation)                                |
| Mechanical                         | IP65: Button with cover<br>Button: 3 million times operation, "Emergency stop button": 300 thousand times operation      |
| Contact character                  |  |
| Rated operating character          | AC-15: A600 or Ue=240V & Ie=3A DC-13: Q600 or Ue=250V & Ie=3A  |
| Rated insulation voltage           | Ui=600V, pollution grade is 3  |
| Rated withstanding impulse voltage | Uimp=6kV   |
| Contact operation                  | Slow breaking (NC or NO)   |
| Reliable operation                 | Safe mounting (Mushroom head shape: "Emergency stop" button: Breaking of NC contact is reliable)                         |
| Operating pressure                 | Flush button and convex button: with 1 DAN and 1 NC contact: 0.8 DAN<br>Auxiliary contact: with 0.5 DAN and NC: +0.3 DAN |
| Short-circuit protection           | 10A fuse type complies with IEC269-1, GB14048.3  |

Detailed technical environment and mechanical specifications.



Dimensional diagram and component overview.

## Electrical Performance

**660 V**

Max AC Voltage

**400 V**

Max DC Voltage

**6 kV**

Impulse Voltage

## Operating Environment

| Parameter       | Value          |
|-----------------|----------------|
| Operating Temp  | -5°C to +55°C  |
| Storage Temp    | -25°C to +70°C |
| Humidity        | 35-85% RH      |
| Pollution Grade | 3              |

## Installation Parameters

- Standard hole diameter: 22mm
- Fastening torque: 0.8Nm (Max 1.2Nm)
- Contact type: Slow-breaking (NC or NO)
- Short-circuit protection: 10A fuse

## Durability and Standards

### Ingress Protection

IP40 • IP54 • IP65 • IP66 • IP67 • IP68

### Mechanical Lifespan

300000 operations

### Certifications

CE, ISO 9001, RoHS, UL