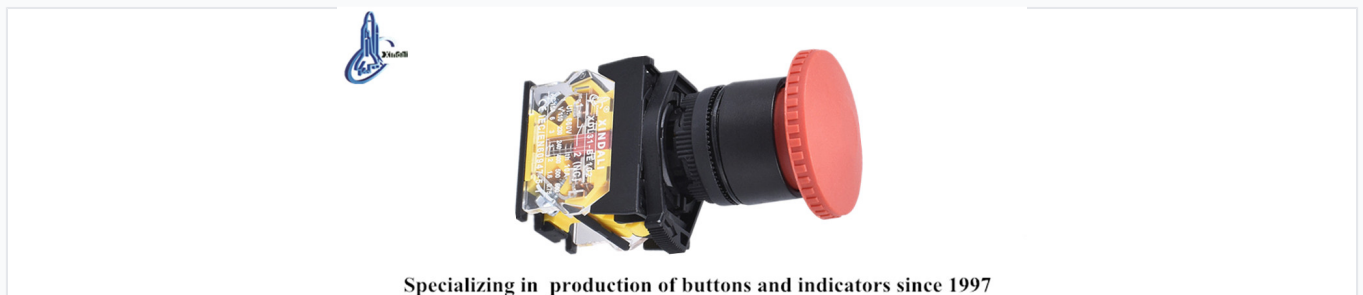


# Mushroom Head Push-Pull Button Switch

This push-pull button switch features a red, mushroom-shaped head. It is designed for use in electrical power applications as a control or emergency stop mechanism.



## Overview



Specializing in production of buttons and indicators since 1997

High-visibility red mushroom head designed for industrial emergency stop applications.

## Robust Mushroom Head Control Switch

The XDL31-EC45 is a professional-grade push-pull button switch featuring a highly visible red mushroom-shaped head. Engineered for reliability in demanding industrial environments, this switch is ideal for emergency stop mechanisms and critical control applications. Built with high-grade anti-flam plastics and durable silver alloy contacts, it ensures long-term operational stability and electrical efficiency.

## Certifications

CE, ISO 9001, RoHS, UL, IEC 60947-5-1

## Electrical Specifications

### Voltage Ratings

**660 V**

Max AC Voltage

**400 V**

Max DC Voltage


**6 kV**

Impulse Withstand








### Insulation and Protection

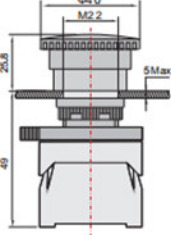
- Insulation Voltage (Ui): 600V
- Pollution Grade: 3
- Short-circuit Protection: 10A fuse (IEC269-1)

## Mechanical Performance



Mushroom head  
Spring return

N/O		 Black $\Phi$ 40	XDL31-EC21
N/C		 Green $\Phi$ 40	XDL31-EC31
N/O+N/C		 Red $\Phi$ 40	XDL31-EC42
		 Red $\Phi$ 40	XDL31-EC45



XDL31-EC42

Detailed dimensions for the M22 mounting system and 40mm mushroom head.

## Mechanical Life

**3000000 cycles**

Standard Button Ops

**300000 cycles**

Emergency Stop Ops

## Installation Dimensions

Dimension	Value
Mounting Thread	M22
Head Diameter	40mm
Max Panel Thickness	5mm

## Environmental Conditions

### Protection Grade

IP65 • IP66 • IP67 • IP68

### Temperature Range

-5°C to +55°C (Operating), -25°C to +70°C (Storage)