

# Mushroom Head Emergency Stop Push Button Switch

This mushroom head emergency stop push button switch is designed for controlling circuits. It features a waterproof design and is ideal for use as an emergency signal.



## Product Overview

### Industrial Emergency Stop Switch

This mushroom head emergency stop push button is designed for critical safety control in industrial electrical circuits. It features a robust red actuator for immediate visual identification and quick manual activation. Built to withstand demanding environments, it offers superior protection against water and dust ingress, ensuring reliable operation for industrial signaling and interlocking.

## 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)<br>IP65: Button with cover  |
| Mechanical                         | 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 TDAN and 1 NC contact: 0.8DAN<br>Auxiliary contact: with +0.5DAN and NC: +0.3DAN |
| Short-circuit protection           | 10A fuse type complies with IEC269-1, GB14048.3   |

|                          |  |
|--------------------------|--|
| Rated Insulation Voltage | 600 V                                    |
| AC Operating Voltage     | 660 V                                    |
| DC Operating Voltage     | 400 V                                    |
| Contact Configuration    | Normally Open (NO), Normally Closed (NC) |

## Environmental Ratings

|                           |                |
|---------------------------|----------------|
| Protection Grade          |                |
| IP65 • IP66 • IP67 • IP68 |                |
| Operating Temperature     | -5°C to +55°C  |
| Storage Temperature       | -25°C to +70°C |

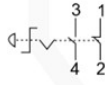
## Mechanical Data



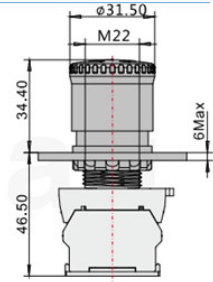
XDL32-ES445

Emergency stop  
Turn to release  
IP65

N/O+N/C



Red  $\Phi 30$  XDL32-ES445



## Mechanical Life

**300000 Ops**

Emergency Stop Cycles

## Physical Dimensions

| Parameter       | Value   |
|-----------------|---------|
| Mounting Hole   | M22     |
| Button Diameter | 30mm    |
| Head Diameter   | 31.5mm  |
| Panel Thickness | 6mm Max |

## Compliance

### Standards Met

- IEC60947-5-1
- GB/T14048.1
- GB14048.5

### Certifications

CE, ISO 9001, RoHS, UL