

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) 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 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

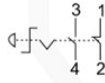
Mechanical Data



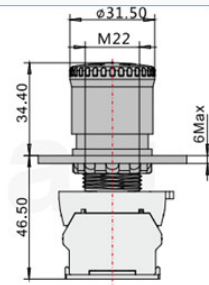
XDL32-ES445

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