

Mushroom Head Emergency Stop Pushbutton

This emergency stop pushbutton is designed for industrial applications. It features a red mushroom head for easy activation during emergencies to quickly shut down machinery.



Product Overview

Industrial Emergency Stop Solution

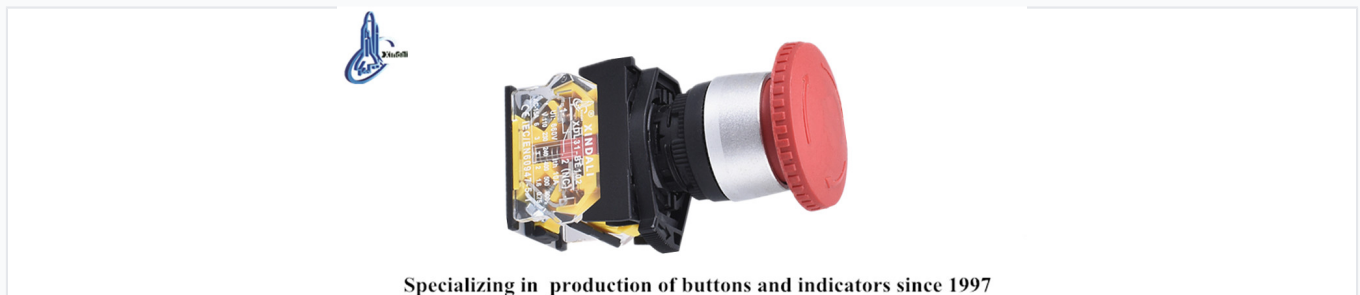
This mushroom-head emergency stop pushbutton is engineered for critical safety applications in industrial environments. Designed for rapid power disconnection, it features a robust turn-to-release mechanism and high-grade anti-flam construction for reliable performance. Fully compliant with international safety standards, this unit ensures maximum protection for machinery and personnel.

Key Features

Certifications

CE, ISO9001, RoHS, UL, IEC60947-5-1

Electrical Specifications



Specializing in production of buttons and indicators since 1997

Robust construction for industrial electrical systems.

Featured Ratings

660 V

Max AC Voltage

400 V

Max DC Voltage

10 A

Thermal Current

Contact Configuration

N/O + N/C

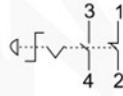
Mechanical Specifications



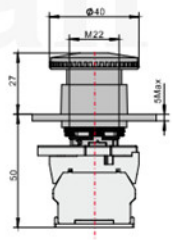
XDL31-BS545

Emergency stop
Turn to release

N/O+N/C



Red Φ 40 XDL31-BS545



Mushroom head design with turn-to-release mechanism.

Mechanical Life	300000 cycles
Mounting Diameter	22 mm

Environmental Durability

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 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: Q800 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 Auxiliary contact: with +0.5 DAN and NC: +0.3 DAN
Short-circuit protection	10A fuse type complies with IEC269-1, GB14048.3

Technical overview and industrial compliance specifications.

Protection Rating IP40 • IP54 • IP65 • IP66 • IP67 • IP68	
Operating Temp Range	-5°C to +55°C
Relative Humidity	35% - 85% RH