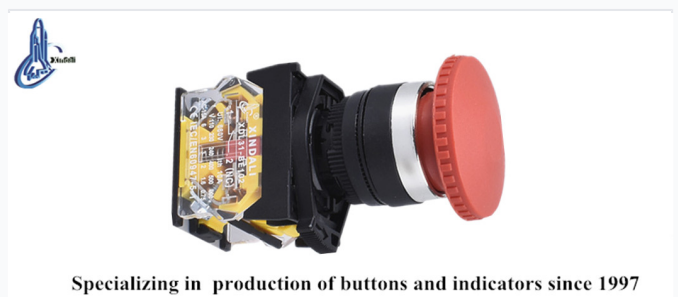
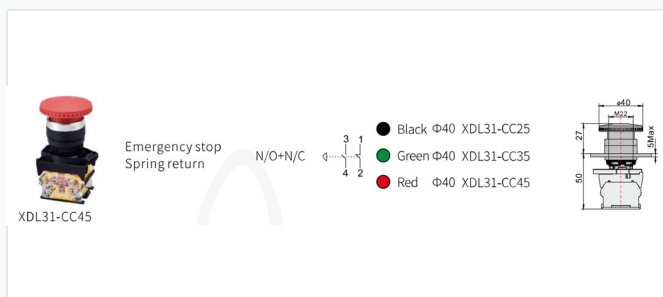


# Metal Spring Return Mushroom Head Push Button Switch

This metal push button switch features a spring return mechanism and a red mushroom head actuator. The mushroom head design allows for easy activation, making it suitable for emergency stop or critical control functions.



## Overview



## Industrial Mushroom Head Push Button

This metal spring-return mushroom head push button switch is engineered for reliable control circuit applications. Featuring a durable zinc alloy body and silver alloy contacts, it provides high resistance to electrical erosion. Compliant with international standards, it is suitable for industrial machinery, signal indication, and emergency stop configurations.

## 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 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

Max AC Voltage	660 V
Max DC Voltage	400 V
Thermal Current	10 A
Insulation Voltage	600 V
Pollution Grade	3

## Environmental Conditions

Operating Temperature Range	-5°C to +55°C
Storage Temperature Range	-25°C to +70°C
Operating/Storage Humidity	35% - 85% RH

## Certifications

Certifications & Standards	CE, UL, ISO9001, RoHS, IEC60947-5-1, GB/T14048.1
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## Mechanical Performance

### Mechanical Life

**3000000 cycles**

Standard Button

**300000 cycles**

Emergency Button

### Protection Grade

IP40 • IP54 • IP65 • IP66 • IP67 • IP68

### Fastening Torque

0.8Nm (Max: 1.2Nm)