

# Elevator Push Button Switch with Convex Metal Head

This elevator push button switch features a convex metal head and spring return mechanism. It is designed for use in elevator control panels and other industrial applications.



## Product Overview

### Robust Industrial Push Button

The XDL32-CL45 is a high-performance convex head push button switch designed for demanding industrial control circuits. Engineered with a durable zinc alloy body and high-grade anti-flam plastic, it offers exceptional reliability for both AC and DC applications. Featuring a spring-return mechanism and a versatile design, it is ideal for control panels, machinery, and elevator systems requiring precise, responsive signal operation.

## 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

## Operating Environment

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

Voltage Rating	AC up to 660V, DC below 400V
Rated Current	10 A
Rated Insulation Voltage	600 V

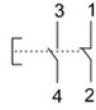
## Mechanical & Safety



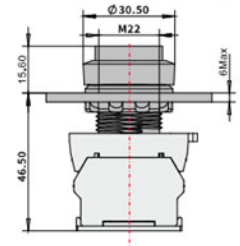
XDL32-CL35

Projecting  
Push button  
Spring return  
IP65

N/O+N/C



● Black	XDL32-CL25
● Green	XDL32-CL35
● Yellow	XDL32-CL55
● Blue	XDL32-CL65
● Red	XDL32-CL45



### Protection Ratings

IP40 • IP54 • IP65 • IP66 • IP67 • IP68

### Mechanical Durability

**300000 ops**

Standard Button

**30000 ops**

Emergency Button

### Fastening Torque

0.8Nm (Max: 1.2Nm)

## Compliance

### Regulatory Standards

- IEC60947-5-1
- GB/T14048.1
- GB14048.5
- CE Certified
- ISO9001 Certified
- RoHS Compliant
- UL Certified