

# Convex Metal Push Button Switch with Waterproof Cover

This metal push button switch features a convex button and waterproof cover. It is designed for controlling circuits in AC voltage up to 660V and DC voltage below 400V.



## Product Overview

### Industrial Push Button Switch

This convex metal push button switch is engineered for high-performance industrial control applications. Featuring a robust zinc alloy body and specialized silver alloy contacts, it offers excellent resistance to electrical erosion. The integrated waterproof cover ensures reliable operation in demanding environments, making it ideal for control signals, warning indicators, and emergency stop systems.

## Technical Specifications



### Protection Grade

IP65

### Mechanical Life

**3 million ops**

Standard Button

**300000 ops**

Emergency Stop

### Rated Insulation Voltage (Ui)

600 V

### Conventional Heating Current (Ith)

10 A

### Operating Temperature

-5°C to +55°C

### Certifications & Standards

CE, IEC60947-5-1, GB/T14048.1, GB14048.5, RoHS, ISO9001

## Dimensional Data



**XDL21-BL42**

Convex button  
spring return

N/O

N/C

13

14

21

22

- Black
- Green
- Yellow
- Blue
- Red

XDL21-BL21

XDL21-BL31

XDL21-BL51

XDL21-BL61

XDL21-BL42



## Mounting Details

Parameter	Value
Mounting Hole Diameter	22mm
Thread Size	M22
Button Diameter	29.5mm
Total Height	49mm