

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



- 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