

# IP65 Waterproof Convex Push Button Switch

This IP65 switch is a high-quality, waterproof convex push button switch. It is designed for controlling circuits with AC voltage up to 660V and DC voltage below 400V.



## Overview



Specializing in production of buttons and indicators since 1997

Durable design suitable for industrial control panels.

## Professional Convex Push Button Switch

This high-quality convex push button switch is engineered for demanding industrial control environments, featuring an IP65 ingress protection rating for reliable dust and water resistance. Designed for signal and interlocking applications, the switch utilizes durable zinc alloy and anti-flame materials with silver alloy contacts for excellent electrical erosion resistance. It complies with major international standards, ensuring consistent performance in both AC and DC control circuits.

## Technical Specifications

### Rated Insulation Voltage

**600 V**

Rated Insulation

**6 kV**

Impulse Withstanding

### Mechanical Life

Type	Operations
Standard Pushbutton	3,000,000
Emergency Button	300,000

### Compliance Standards

IEC60947-5-1 • GB/T14048.1 • GB14048.5 • CE • UL • ROHS • ISO9001

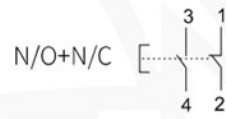
Operating Temperature Range	-5°C to +55°C
Protection Grade	IP65, IP66, IP67, IP68
Fastening Torque	0.8 Nm

## Physical Dimensions

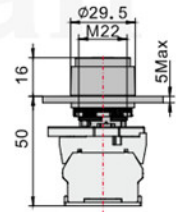


XDL31-BL45

Projecting  
Push button  
Spring return



● Black	XDL31-BL25
● Green	XDL31-BL35
● Yellow	XDL31-BL55
● Blue	XDL31-BL65
● Red	XDL31-BL45



Dimensional drawing showing mounting thread and component height.

### Mounting Dimensions

- Thread: M22
- Diameter: 29.5mm
- Total Height: 50mm
- Max Panel Thickness: 5mm