

# IP65 Waterproof Push Button Switch

This push button switch is designed for controlling circuits with AC voltage up to 660V and DC voltage below 400V. It features a zinc alloy body and anti-flame plastic, with silver alloy contacts for high anti-electrical erosion.



## Product Overview



Robust waterproof push-button switch suitable for demanding control panel applications.

## Industrial Push Button Switch

This high-performance push button switch is engineered for demanding control circuits and industrial signal applications. Featuring a robust zinc alloy and anti-flame plastic construction, it ensures reliability and safety in environments requiring IP65 waterproof protection. The switch utilizes special silver alloy contacts to provide exceptional resistance to electrical erosion, supporting extended operational lifecycles.

## Electrical Specifications

### Rated Operating Metrics

<b>6 A</b> AC-15 Rated Current at 110V	<b>3 A</b> AC-15 Rated Current at 240V	<b>10 A</b> Thermal Current (Ith)
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<b>Rated Insulation Voltage</b>	600 V
<b>Operating Voltage Capacity</b>	AC up to 660V, DC below 400V

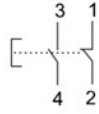
## Physical and Environmental



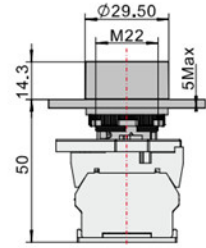
XDL31-CA45

Flush push button  
Spring return

N/O+N/C



- Black XDL31-CA25
- Green XDL31-CA35
- Yellow XDL31-CA55
- Blue XDL31-CA65
- Red XDL31-CA45



Dimensional overview including M22 mounting and total height measurements.

### Protection Rating

IP65 • IP66 • IP67 • IP68

### Mechanical Life

Component Type	Cycles
Standard Push Button	3,000,000
Emergency Button	300,000

### Operating Temperature

-5°C to +55°C

## Standards and Compliance

### Compliance Standards

- IEC60947-5-1
- GB/T14048.1
- GB14048.5

### Certifications

CE, ISO9001, RoHS, UL