

# IP65 Waterproof Push Button Switch with Rubber Cap



This push button switch is designed with a plastic and rubber cap, offering IP65-rated waterproof protection. It is suitable for use in control panels, machinery, and other electrical equipment.

## ADDITIONAL IMAGES



## Product Overview

### Robust Waterproof Protection

The XDL21-EP42 is a high-performance push button switch engineered for demanding industrial environments. Featuring a protective rubber cap, it achieves an IP65 rating for reliable resistance against dust and water ingress. Built with high-grade anti-flame plastics and silver alloy contacts, this switch ensures long-lasting electrical erosion resistance and consistent performance in control circuits.

## Technical Specifications

### Electrical Ratings

**600 V**

Rated Insulation Voltage

**10 A**

Conventional Heating Current

### Performance Parameters

Parameter	Value
Insulation Resistance	e5M©
Contact Resistance	d25©
Withstand Voltage	AC 2.5KV/min
Voltage Wave Tolerance	±20%

### Compliance & Certifications

CE, ISO 9001, RoHS, UL, IEC60947-5-1, GB/T14048.1

## Mechanical Data

### Mechanical Durability

- Pushbutton: 1,000,000 cycles
- Selector switch: 500,000 cycles

### Electrical Longevity

- Pushbutton: 5,000,000 cycles
- Selector switch: 250,000 cycles

## Application

### Typical Applications

Distribution Boxes • Distribution Cabinets • Control Cabinets • Power Stations • Communication Networks