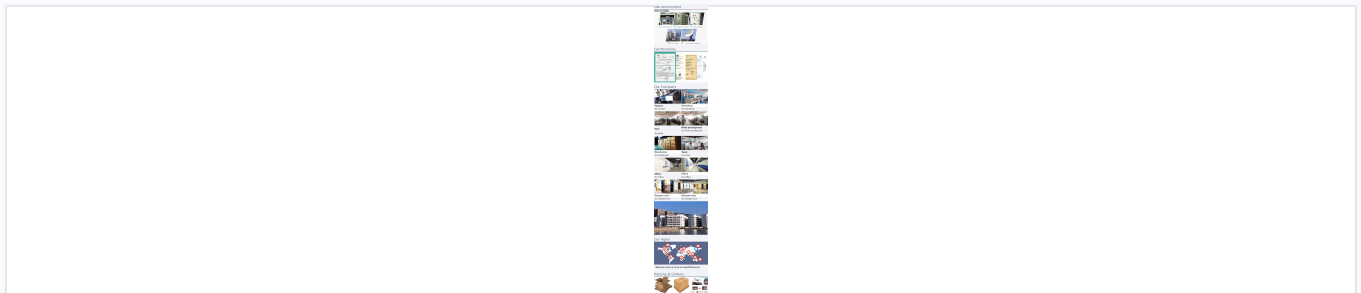


# Waterproof Push Button Switch Cap

This is a waterproof push button switch cap designed for single pole switches. It provides a protective rubber cover, ensuring protection against environmental elements.



## Overview



Suitable for distribution boxes, control cabinets, and power station infrastructure.

### Professional Waterproof Push Button Solution

The LAY4-EP31 is a high-performance single-pole waterproof push button cap designed for demanding industrial environments. Engineered with robust zinc alloy and high-grade anti-flam plastic, this component ensures reliable operation in control circuits up to 660V AC. It features specialized silver alloy contacts for superior electrical erosion resistance, making it an ideal choice for control cabinets, distribution boxes, and power station applications.

## Electrical Specifications

Rated Insulation Voltage	600 V
Conventional Heating Current	10 A
Insulation Resistance	e5M©
Contact Resistance	d25©
Withstand Voltage	AC 2.5KV/min

## Performance Metrics

### Mechanical Life

**1000000 cycles**

Pushbutton

**500000 cycles**

Selector Switch

### Electrical Life

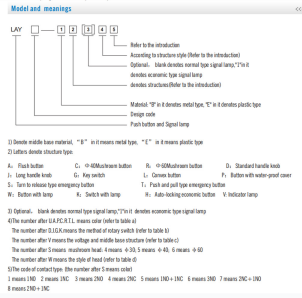
**5000000 cycles**

Pushbutton

**250000 cycles**

Selector Switch

## Design & Materials



Configuration guide for selecting the correct model based on structure and contact type.

### Model Configuration

Component Type	Code
Flush Button	A
Mushroom Button (40mm)	C
Mushroom Button (60mm)	R
Button with Waterproof Cover	P
Indicator Lamp	V

### Materials

Zinc Alloy, Anti-flam Plastic, Silver Alloy Contacts

## Compliance

### Certifications & Standards

CE • ISO 9001 • RoHS • UL • IEC60947-5-1