

# Black Push Button Switch with Spring Return

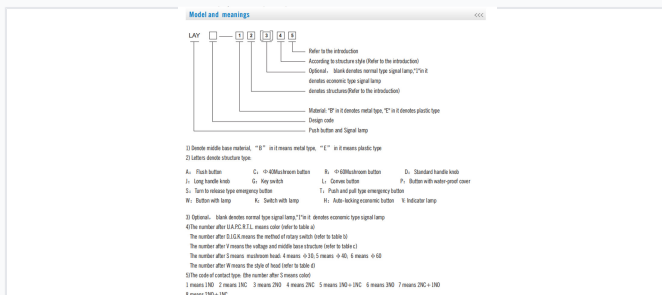
This black push button switch features a spring return mechanism and offers two positions. It is designed for use in controlling circuits with AC voltage up to 660V and DC voltage below 400V.



## ADDITIONAL IMAGES



## Overview



Model naming conventions and structural options for the LAY5 series.

Standard 2-position selector switch design.

## Industrial Push Button Switch

The LAY5-ED21 XB2 is a robust 2-position selector switch featuring a spring return mechanism, engineered for reliable control in industrial electrical systems. Constructed with high-grade anti-flame plastic and zinc alloy, it offers durability against electrical erosion and demanding environments. This versatile component is suitable for distribution boxes, control cabinets, and power stations, ensuring precise signal and interlocking operations.

## Technical 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 (Cycles)

**1000000 cycles**

Pushbutton

**500000 cycles**

Selector Switch

### Electrical Life (Cycles)

**5000000 cycles**

Pushbutton

**250000 cycles**

Selector Switch

## Compliance & Standards


### Certifications

CE • ISO 9001 • RoHS • UL

### Compliance Standards

GB/T14048.1, IEC60947-5-1

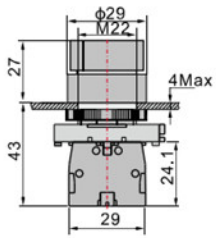
## Installation & Design



Standard  
Handle  
Selector  
Switch

LAY5-ED21

Configuration	Wiring Diagram	Description	Model
N/O		2-position stay put	LAY5-ED21
N/O		2-position spring return	LAY5-ED41
N/O+N/C		2-position stay put	LAY5-ED25
N/O+N/C		2-position spring return	LAY5-ED45



Dimensional specifications and configuration options for selector switches.

### Material Composition

- Zinc alloy main body
- High-grade anti-flame plastic
- Silver alloy contacts

### Model Dimensions Reference

Model	Type	Action
LAY5-ED21	Selector Switch	Stay Put
LAY5-ED41	Selector Switch	Spring Return
LAY5-ED25	Selector Switch	Stay Put
LAY5-ED45	Selector Switch	Spring Return

### Mounting Diameter

22 mm