

# Double Pole Push Button Switch with Light

This double pole push button switch is designed for controlling circuits in AC voltage up to 660V or DC voltage below 400V. It is used for controlling signals and interlocking purposes and may include an integrated light for visual indication.



## Product Overview

### Industrial Control Switch

The LAY4-EW8465 is a robust double-pole push button switch featuring an integrated light, designed for demanding industrial control environments. Constructed with high-grade anti-flam plastic and a zinc alloy body, this switch ensures durability and safety. Its contacts utilize a special silver alloy to provide high resistance to electrical erosion, making it suitable for controlling signals and interlocking purposes in circuits up to 660V AC or 400V DC.

### Certifications

CE, ISO 9001, ROHS, UL

## Technical Specifications

**Model and meanings**

① Design metal base material: "E" in 8 denotes metal type, "C" in 4 denotes plastic type  
 ② Letters denote structure type:

A: Flush button	C: ① 40Mushroom button	R: ① 40Mushroom button	D: Standard handle knob
J: Long handle knob	G: Flip switch	L: Common button	P: Button with water-proof cover
S: Self-locking type emergency button	T: Push and pull type emergency button	F: Push and pull type emergency button	H: Auto-locking economic button
W: Button with lamp	K: Switch with lamp		Y: Indicator lamp

③ Optional: blank denotes normal type signal lamp, "E" in 4 denotes economic type signal lamp  
 ④ The number after 0.15A/0.15L means color (Refer to table 4)  
 The number after 0.15A means the method of color switch (Refer to table 5)  
 The number after ① means the voltage and middle base structure (Refer to table 2)  
 The number after ② means the number of poles: ① 2 poles, ② 3 poles, ③ 4 poles, ④ 5 poles, ⑤ 6 poles  
 The number after ③ means the code of base (Refer to table 3)  
 ⑤ The code of contact type: The number after ① means code 1  
 ① means 1NO, ② means 2NC, ③ means 2NO, ④ means 1NO+1NC, ⑤ means 1NO, ⑥ means 1NO+1NO, ⑦ means 2NC+1NO, ⑧ means 2NO+1NC

Technical configuration guide for selecting the correct switch model based on structure, material, and contact type.

### Push Button Performance

**600 V**

Rated Insulation Voltage

**10 A**

Heating Current

**100000 cycles**

Mechanical Life

### Signal Lamp Performance

**60 cd/m<sup>2</sup>**

Brightness

**100000 hours**

Working Life

### Electrical Parameters

Parameter	Button Value	Lamp Value
Insulation Resistance	e5M $\text{\textcircled{C}}$	e5M $\text{\textcircled{C}}$
Contact Resistance	d25n $\text{\textcircled{C}}$	d25n $\text{\textcircled{C}}$
Withstand Voltage	-	AC 2.5KV/min
Voltage Wave	-	$\pm 20\%$

## Compliance

### Applicable Standards

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