

# 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**

Refer to the introduction  
According to structure type (Refer to the introduction)  
Optional: blank denotes normal type signal lamp, "Y" is denotes emergency type signal lamp  
denotes structure (Refer to the introduction)  
Material: "P" is 6 denotes metal type, "C" is 4 denotes plastic type  
Design code  
Push button and signal lamp

① Single metal base material: "E" is 6 denotes metal type, "C" is 4 denotes plastic type  
② Different denotes structure type:

A: Flush button	C: ① Microswitch button	R: ① Microswitch button	D: Standard handle knob
I: Long handle knob	G: Flap switch	L: Common button	P: Button with water-proof cover
S: ① Signal lamp type emergency button	W: Button with lamp	X: Push and pull type emergency button	Y: Indicator lamp
M: Button with lamp	K: Switch with lamp	H: Auto-locking emergency button	

③ Optional: blank denotes normal type signal lamp, "Y" is denotes emergency type signal lamp  
④ The number after 0.1/0.05/0.1 means color (Refer to table 4)  
The number after 0.1/0.05/0.1 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 material (Refer to table 3), "C" is 4, "E" is 6, "C" means ① ②  
The number after ③ means the color of base (Refer to table 4)  
⑤ The color of contact type: The number after ① means color  
① means 1N0 ② means 2N0 ③ means 2N0 ④ means 2N0 ⑤ means 1N0+1N0 ⑥ means 1N0 ⑦ means 2N0+1N0  
⑧ means 2N0+2N0

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 $\Omega$	e5M $\Omega$
Contact Resistance	d25m $\Omega$	d25m $\Omega$
Withstand Voltage	-	AC 2.5KV/min
Voltage Wave	-	$\pm 20\%$

## Compliance

### Applicable Standards

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