

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, "T" in it denotes economic type signal lamp
blank denotes structure (Refer to the introduction)
Material: "P" in it denotes metal type, "C" in it denotes plastic type
Design code
Push button and signal lamp

① Sample models have omitted: "E" in it means metal type, "C" in it means plastic type
② Letters denote structure type:

A: Flush button	C: ① 40mA/100mA button	R: ① 40mA/100mA 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	H: Auto-locking economic button	V: Indicator lamp
W: Button with lamp	K: Switch with lamp		

③ Optional: blank denotes normal type signal lamp, "T" in it denotes economic type signal lamp
④ The number after 0.1/0.2/0.3/1 means color index (Refer to table 4)
The number after 2 means the method of color switch (Refer to table 5)
The number after 7 means the voltage and middle base structure (Refer to table 6)
The number after 8 means the color of lead (Refer to table 6)
⑤ The number of contact type: The number after 0 means usual
⑥ means 1NO; ⑦ means 2NC; ⑧ means 2NO; ⑨ means 2NC; ⑩ means 1NO+1NC; ⑪ means 1NO; ⑫ means 2NC+1NO; ⑬ means 2NO+2NC

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/m²

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