

# LED Indicator Push Button Switch

This push button switch features an integrated LED indicator for visual signaling. It is designed for use in control panels and industrial automation systems.



## Product Overview



Specializing in production of buttons and indicators since 1997

Integrated LED indicator provides clear signal feedback for control panels.

## Professional LED Indicator Push Button

This LED indicator push button switch is engineered for high-performance control and signal indication in industrial environments. It features durable construction using high-grade anti-flam plastic and zinc alloy, ensuring reliability in demanding electrical applications. Designed for versatile use, it supports various voltages and complies with international safety and quality standards.

## Technical Specifications

Character	
Environment	
Reached standard	IEC60947-5-1; GB/T14048.1; GB14048.5
Surrounding temperature	Operation: -5°C~+55°C; Storage: -25°C~+70°C
Anti-vibration property	Mushroom head button: 10g; other buttons and indication lamp: 15g(40Hz~Frequency<200Hz)
Anti-impact	Button: 70g; Mushroom head button: 15g; Selector switch: 200g
Protection grade	IP65: Flush head and extended head, with or without indication lamp button (installation)
	IP65: Button with cover
Mechanical	Button: 3 million times operation; "Emergency stop button": 300 thousand times operation
Contact character	
Rated operating character	AC-15: A600 or Ue=240V & Ie=3A DC-13: Q800 or Ue=250V & Ie=3A
Rated insulation voltage	Ui=600V, pollution grade is 3
Rated withstanding impulse voltage	Uimp=6kV
Contact operation	Slow breaking (NC or NO)
Reliable operation	Safe mounting (Mushroom head shape: "Emergency stop" button: Breaking of NC contact is reliable)
Operating pressure	Flush button and convex button: with 1 DAN and 1 NC contact: 0.8 DAN Auxiliary contact: with +0.5 DAN and NC: +0.3 DAN
Short-circuit protection	10A fuse type complies with IEC269-1; GB14048.3

Robust design tested for industrial reliability and standards compliance.

Rated Voltage	AC up to 660V, DC below 400V
Rated Insulation Voltage	600 V
Pollution Grade	3
Fastening Torque	0.8Nm (Max: 1.2Nm)

## Environmental Performance

### Protection Ratings

IP40 • IP54 • IP65 • IP66 • IP67 • IP68

### Operating Temperature

-5°C to +55°C

### Storage Temperature

-25°C to +70°C

### Relative Humidity

35% - 85% RH

## Mechanical Durability

### Mechanical Life Cycles

**300000 ops**

Push Button

**30000 ops**

Emergency Button

## Certifications

### Compliance Standards

CE, ISO 9001, RoHS, UL, IEC60947-5-1, GB/T14048.1

## Ordering Information



XDL31-EV64

### Pilot light

12V

24V

110~130V

220~240V

(For bulb with BA 9s base

Fitting Direct supply)



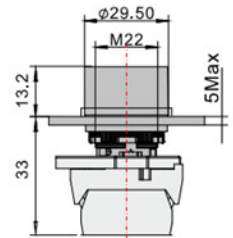
○ White XDL31-EV61

● Green XDL31-EV63

● Red XDL31-EV64

● Yellow XDL31-EV65

● Blue XDL31-EV66



Standard M22 mounting size ensures compatibility with common control panels.

### Available Colors

- White (XDL31-EV61)
- Green (XDL31-EV63)
- Red (XDL31-EV64)
- Yellow (XDL31-EV65)
- Blue (XDL31-EV66)