

# 22mm Yellow Convex Head LED Indicator Push Button Switch

This 22mm yellow convex head LED indicator push button switch is used to control circuits. It is ideal for use as an indicating signal, warning signal, and emergency signal.



## Overview



Specializing in production of buttons and indicators since 1997

Close-up view of the 22mm yellow convex head indicator switch.

## Industrial Signaling and Control

This 22mm yellow convex head LED indicator push button switch provides a versatile solution for industrial control circuits. Engineered with a durable zinc alloy and anti-flame plastic body, it is designed for demanding environments requiring both reliable switching and high-visibility status indication. The unit adheres to international standards including IEC60947-5-1, ensuring performance consistency in professional applications.

## 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	


Structural and environmental performance standards.

Mounting Diameter	22 mm
Rated Insulation Voltage (Ui)	600 V
Mechanical Life	3,000,000 operations
Protection Grade	IP40, IP54, IP65, IP66, IP67, IP68
Fastening Torque	0.8 Nm

## Environmental Conditions

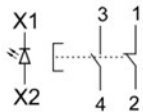
Operating Temperature	-5°C to +55°C
Storage Temperature	-25°C to +70°C
Air Relative Humidity	35-85% RH

## Dimensions



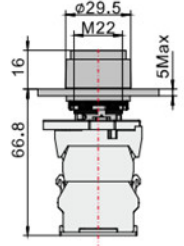
Illuminated  
Projecting  
Push button  
Spring return

N/O+N/C



X1 3 1  
X2 4 2

- White XDL31-BWL3165
- Green XDL31-BWL3365
- Yellow XDL31-BWL3565
- Blue XDL31-BWL3665
- Red XDL31-BWL3465



XDL31-BWL3565

Dimensional specifications and product configuration.

## Physical Dimensions

Feature	Dimension
Diameter	29.5 mm
Total Height	66.8 mm
Bezel Height	16 mm
Max Projection	5 mm