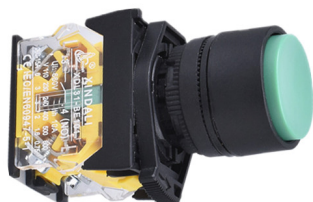


Green Convex Head Waterproof Push Button Switch

This is a green convex head push button switch designed for waterproof applications. It is suitable for controlling circuits with AC voltage up to 660V and DC voltage below 400V.



Product Overview



Specializing in production of buttons and indicators since 1997

Professional Industrial Push Button Switch

This high-grade convex head push button switch is engineered for demanding industrial control circuits, supporting AC voltages up to 660V and DC voltages below 400V. Built with a combination of durable zinc alloy and anti-flame plastic, it features silver alloy contacts that provide exceptional resistance to electrical erosion. The unit is designed for versatility and reliability, meeting rigorous international standards for safety and performance in signal, control, and interlocking 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

Protection Grade

IP65 • IP66 • IP67 • IP68

Mechanical Life

300000 Cycles

Standard Button

30000 Cycles

Emergency Button

Rated Insulation Voltage (Ui)

600 V

Rated Withstanding Impulse Voltage (Uimp)

6 kV

Environmental Conditions

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

Certifications & Standards

International Standards

- IEC60947-5-1
- GB/T14048.1
- GB14048.5
- IEC 68-2-6
- IEC 68-2-27

Certifications

CE, ISO9001, ROHS, UL

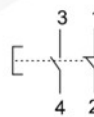
Mounting & Physical



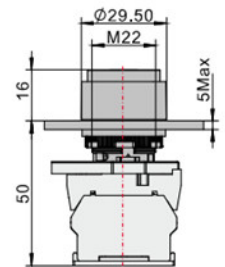
XDL31-EL35

Projecting
Push button
Spring return

N/O+N/C



- Black XDL31-EL25
- Green XDL31-EL35
- Yellow XDL31-EL55
- Blue XDL31-EL65
- Red XDL31-EL45



Physical Dimensions

Parameter	Value
Mounting Diameter	22mm (M22)
Total Diameter	29.50mm
Max Projection	5mm
Total Height	50mm