

Red Convex Head Pushbutton Light Switch

This electrical pushbutton light switch features a red convex head. Constructed from durable plastic, this switch is designed for reliable performance in various industrial and commercial applications.



Product Overview



Specializing in production of buttons and indicators since 1997

The XDL31-EWL3465 red convex head switch is designed for reliable industrial control.

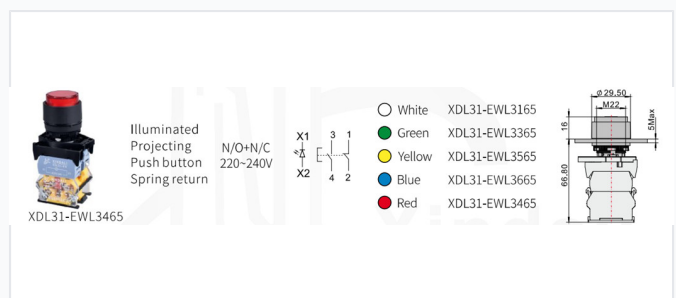
Industrial Convex Head Pushbutton

The XDL31-EWL3465 is a robust electrical pushbutton switch featuring a vibrant red convex head for high visibility. Designed for industrial control circuits, it operates reliably in AC and DC environments and features a spring-return mechanism for intuitive use. Its construction utilizes high-grade anti-flam plastic and specialized silver alloy contacts to ensure long-term durability and resistance to electrical erosion.

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: O600 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

Technical performance characteristics and environmental ratings.



Dimensional overview including mounting depth and head diameter.

Operating Voltage

660 V

AC Voltage Max

400 V

DC Voltage Max

Mechanical Life

3,000,000 operations

Mounting Diameter

22 mm

Environmental Ratings

Protection Grade

IP40 • IP54 • IP65 • IP66 • IP67 • IP68

Operating Temperature Range

-5°C to +55°C

Compliance & Quality

Conforming Standards

- IEC 60947-5-1
- GB/T 14048.1
- GB 14048.5

Certifications

CE, ISO 9001, RoHS, UL, IEC 60947-5-1