

Red Electric Push Button Switch with Spring Return

This electric push button switch features a spring return and a red convex button with a white symbol. It is suitable for use in control panels, machinery, and other electrical equipment.



Product Overview



Specializing in production of buttons and indicators since 1997

High-quality red convex actuator with spring return mechanism.

Robust Industrial Push Button

This convex push button switch with spring return is engineered for high-performance control circuit applications. Constructed with durable zinc alloy and high-grade anti-flam plastic, it features silver alloy contacts to minimize electrical erosion. It is fully certified for global use, meeting strict electrical and safety standards for industrial control panels.

Electrical Ratings

Thermal Current	10 A
Rated Insulation Voltage	660 V
Contact Configuration	NO, NC

Environmental 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)	
Mechanical	IP65: Button with cover 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=690V, 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 1DAN and 1 NC contact: 0.8DAN Auxiliary contact: with +0.5DAN and NC: +0.3DAN	
Short-circuit protection	10A fuse type complies with IEC269-1, GB14048.3	

Detailed environmental and mechanical performance data table.

Protection Rating

IP40 • IP54 • IP65 • IP66 • IP67 • IP68


Operating Temperature Range

-5°C to +55°C

Pollution Grade

3

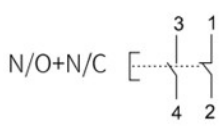
Mechanical Specifications



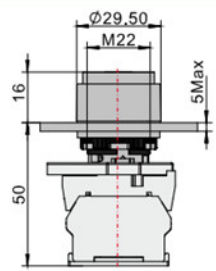
XDL31-EL4325

Projecting
Push button
Spring return
Marked

N/O+N/C



	Green	XDL31-EL3315
	Green	XDL31-EL3365
	White	XDL31-EL3345
	Black	XDL31-EL3355
	Blue	XDL31-EL6375
	Red	XDL31-EL4325
	Red	XDL31-EL4345



Structural dimensions for panel integration, including M22 mounting standards.

Mechanical Durability

300000 Cycles

Standard Push Button

30000 Cycles

Emergency Stop Button

Mounting Diameter

M22

Compliance and Standards

Compliance Standards

- IEC60947-5-1
- GB/T14048.1
- GB14048.5

Industry Certifications

CE, ISO 9001, RoHS, UL