

3-Position Push Button Switch with LED Indicator

This plastic position indicator features a 3-position push button switch with integrated LED lights. Designed for electrical power applications, this indicator provides clear visual feedback and reliable switching functionality.



Product Overview



Specializing in production of buttons and indicators since 1997

Industrial-Grade Control Solution

The 3-Position Push Button Switch is designed for reliable signal control and interlocking in demanding industrial environments. Constructed with high-grade anti-flam plastic and zinc alloy components, it features a built-in LED indicator for clear status visualization. Engineered to withstand rigorous conditions, the unit is fully compliant with international safety standards including IEC60947-5-1.

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 : Q600 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

Rated Insulation Voltage	600 V
Protection Rating	IP40, IP54, IP65, IP66, IP67, IP68
Pollution Grade	3
Fastening Torque	0.8 Nm

Environmental Conditions

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

Mechanical Performance

Mechanical Durability

3000000 operations

Standard Button

300000 operations

Emergency Stop

Compliance

Safety Certifications

CE • ISO 9001 • RoHS • UL

International Standards

- IEC60947-5-1
- GB/T14048.1
- GB14048.5
- IEC 68-2-6 (Vibration)
- IEC 68-2-27 (Impact)