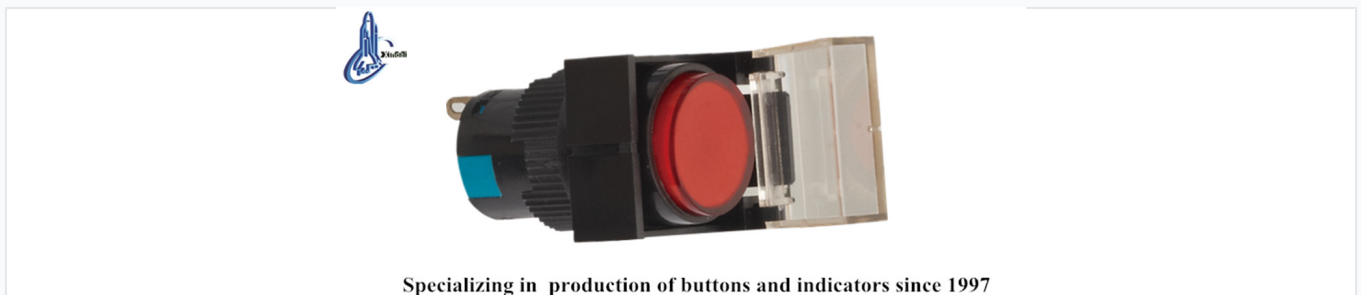


220V Waterproof LED Illuminated Mini Push Button Switch

This 220V mini push button switch features integrated LED illumination and a waterproof design. It is suitable for use in control panels, machinery, and other electrical equipment.



Overview



Specializing in production of buttons and indicators since 1997

Miniature push button switch with integrated 220V LED illumination, designed for waterproof performance.

Industrial Push Button Series

The XDL16-11ADFG is a professional-grade mini push button switch designed for reliable control in demanding industrial environments. Featuring integrated LED illumination and a robust, waterproof design, it is ideal for control panels, machinery, and power distribution systems. Built with high-grade anti-flame plastics and silver alloy contacts, this switch ensures long-term performance and high electrical endurance.

Electrical Specifications

| | |
|------------------------------|--------------|
| Rated Voltage | 220V AC |
| Conventional Heating Current | 10 A |
| Insulation Resistance | e5M@ |
| Contact Resistance | d25m@ |
| Withstand Voltage | AC 2.5KV/min |

Performance Metrics

Operational Metrics

1000000 Cycles

Mechanical Life

5000000 Cycles

Electrical Life

60 cd/m²

LED Brightness

Operating Environment

| Type and Meaning | | Using Condition | |
|--|---|--|---|
| 1. BUTTON XDL 16-□□□□□□□□ See list 1 Means normally close Means normally open Serial number designed The special expression of Company's product type | 2. SIGNAL LAMP XDL 16-□□XD Signal lamp The head appearance styles(see list 1) Serial number designed The special expression of company's product type | (1) Surrounding temperature: +25°C ~ +50°C (2) Relative humidity: <85% (3) Altitude: < 2,000m (4) Pollution grade: 3 (5) Installation type: III (6) Protection grade: IP40, IP55 (7) Environmental condition: It is not allowed to be used in an environment containing corrosive and flammable gases and conductive dust. | |
| List 1: | | | |
| Letter | Meaning | Letter | Meaning |
| AXD | Round indicator | AL | Round flat button of latching type |
| FXD | Square indicator | FL | Square button of latching type |
| CFXD | Rectangular indicator | CFL | Rectangular button of latching type |
| MXD | Mushroom indicator | A | Round flat button(spring return type) |
| AD | Round button with lamp | F | Square button (spring return type) |
| FD | Square button with lamp | CF | Rectangular button(instant moving type) |
| CFD | Rectangular button with lamp | M | Mushroom button(instant moving type) |
| MD | Mushroom button with lamp | ZS | Emergency button(alternative moving type) |
| YA | Round key knob | YF | Square key button |
| FG | With protecting box | YCF | Rectangular key knob |
| XA | Round revolving handle button | XF | Square revolving handle button |
| XCF | Rectangular revolving handle button | L | Alternative button with rotary knob |
| ML | Mushroom button | ADL | Round bell light button latching |
| FDL | Square bell light button latching | CFDL | Rectangular bell light button latching |
| YCF | Rectangular key knob | | |

Technical diagram explaining the XDL16 series product coding and environmental usage parameters.

Conditions


- Temperature range: -25°C to +50°C
- Relative humidity: <85%
- Altitude: <2,000m
- Pollution grade: 3
- Installation type: III

Standards and Certifications

Compliances

CE, ISO9001, RoHS, UL, IEC60947-5-1, GB/T14048.1

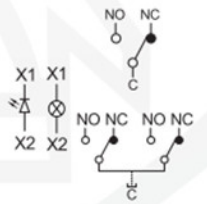
Mechanical Details



XDL16-11ADFG

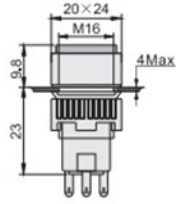
Installed light circular LED
24V/AC/DC
Neon
220V/AC
with protection cover IP40

1NO+1NC
2NO+2NC



● Red
● Green/PG
● Yellow
● White/PW
● Pure Blue

XDL16-11ADFG
 XDL16-11ADFG L
 XDL16-22ADFG
 XXDL16-22ADFG L



Miniature push button design featuring M16 mounting thread and contact configuration details.

Dimensions

| Parameter | Value |
|------------------|-----------|
| Mounting Hole | M16 |
| Front Diameter | 20mm |
| Body Height | 23mm |
| Protection Grade | IP40/IP55 |