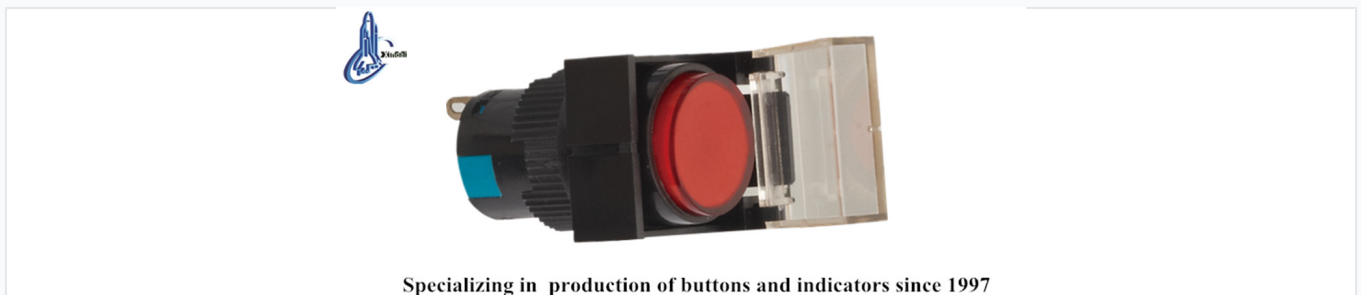


# 220V Waterproof LED Illuminated Mini Push Button Switch

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	d25n©
Withstand Voltage	AC 2.5KV/min

## Performance Metrics

### Operational Metrics

**1000000 Cycles**

Mechanical Life

**5000000 Cycles**

Electrical Life

**60 cd/m<sup>2</sup>**

LED Brightness

## Operating Environment

Type and Meaning		Using Condition	
<b>1. BUTTON</b> XDL 16- [ ] [ ] [ ] [ ] See list 1 Means normally close Means normally open Serial number designed The special expression of Company's product type	<b>2. SIGNAL LAMP</b> 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 conditions: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		
		Letter	Meaning
		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 belt light button latching
		FDL	Square belt light button latching
		CFDL	Rectangular belt 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

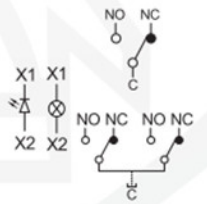
## Mechanical Details



**XDL16-11ADFG**

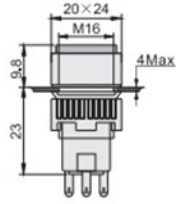
Installed light circular LED  
24V/AC/DC  
Neon  
220V/AC  
with protection cover IP40

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