

Miniature On/Off Electrical Selector Switch

This miniature electrical selector switch provides on/off control. It features a plastic push button and is designed for applications needing a compact switching solution.



Product Overview

Compact Industrial Switching Solution

The XDL16-11XF series is a versatile, miniature selector switch designed for precision control in compact electrical environments. Featuring durable anti-flam plastic and high-grade silver alloy contacts, it ensures long-term operational reliability with superior resistance to electrical erosion. These switches are ideal for integration into distribution cabinets, power stations, and communication networks where space is at a premium.

Technical Specifications

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 style (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
CFD	Rectangular indicator	CF	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

Summary of environmental operating conditions and usage limitations.

Mechanical Life

500000 cycles
Selector Switch Cycles

Operating Conditions

- Temperature range: -25°C to +50°C
- Relative humidity: d85%
- Altitude: d2,000m
- Pollution grade: 3
- Installation type: III

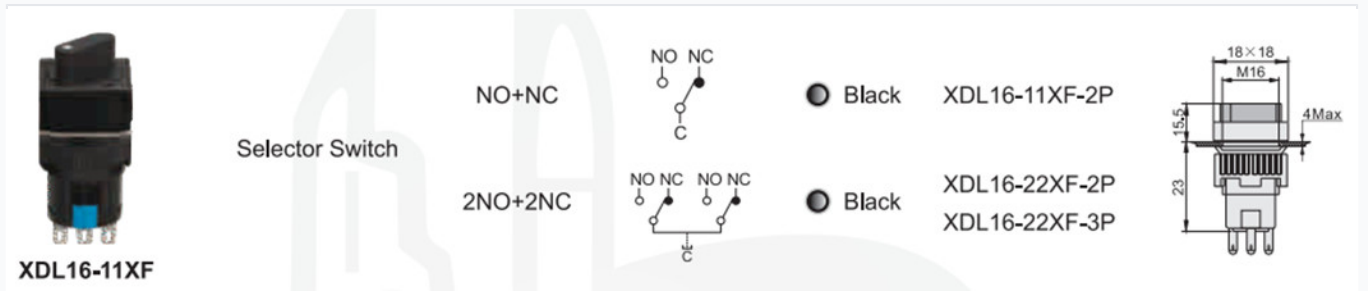
Rated Insulation Voltage	AC 600V (50Hz/60Hz)
Conventional Heating Current	10 A
Insulation Resistance	e5M©
Contact Resistance	d25n©

Certifications

Compliance

CE, ISO 9001, ROHS, UL, GB/T14048.1, IEC60947-5-1

Physical Dimensions



Dimensional outline and contact configurations for XDL16-11XF models.

Mounting and Size Specs

Feature	Specification
Mounting Thread	M16
Face Dimensions	18x18mm
Protection Grade	IP40/IP55