

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																																																																			
List 1: <table border="1"> <thead> <tr> <th>Letter</th> <th>Meaning</th> <th>Letter</th> <th>Meaning</th> <th>Letter</th> <th>Meaning</th> </tr> </thead> <tbody> <tr><td>AXD</td><td>Round indicator</td><td>AL</td><td>Round flat button of latching type</td><td>XA</td><td>Round revolving handle button</td></tr> <tr><td>FXD</td><td>Square indicator</td><td>FL</td><td>Square button of latching type</td><td>XF</td><td>Square revolving handle button</td></tr> <tr><td>CFD</td><td>Rectangular indicator</td><td>CL</td><td>Rectangular button of latching type</td><td>XCF</td><td>Rectangular revolving handle button</td></tr> <tr><td>MXD</td><td>Mushroom indicator</td><td>A</td><td>Round flat button (spring return type)</td><td>L</td><td>Alternative button with rotary knob</td></tr> <tr><td>AD</td><td>Round button with lamp</td><td>F</td><td>Square button (spring return type)</td><td>ML</td><td>Mushroom button</td></tr> <tr><td>FD</td><td>Square button with lamp</td><td>CF</td><td>Rectangular button (instant moving type)</td><td>ADL</td><td>Round belt light button latching</td></tr> <tr><td>CFD</td><td>Rectangular button with lamp</td><td>M</td><td>Mushroom button (instant moving type)</td><td>FDL</td><td>Square belt light button latching</td></tr> <tr><td>MD</td><td>Mushroom button with lamp</td><td>ZS</td><td>Emergency button (alternative moving type)</td><td>CFDL</td><td>Rectangular belt light button latching</td></tr> <tr><td>YA</td><td>Round key knob</td><td>YF</td><td>Square key button</td><td>YCF</td><td>Rectangular key knob</td></tr> <tr><td>FG</td><td>With protecting box</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		Letter	Meaning	Letter	Meaning	Letter	Meaning	AXD	Round indicator	AL	Round flat button of latching type	XA	Round revolving handle button	FXD	Square indicator	FL	Square button of latching type	XF	Square revolving handle button	CFD	Rectangular indicator	CL	Rectangular button of latching type	XCF	Rectangular revolving handle button	MXD	Mushroom indicator	A	Round flat button (spring return type)	L	Alternative button with rotary knob	AD	Round button with lamp	F	Square button (spring return type)	ML	Mushroom button	FD	Square button with lamp	CF	Rectangular button (instant moving type)	ADL	Round belt light button latching	CFD	Rectangular button with lamp	M	Mushroom button (instant moving type)	FDL	Square belt light button latching	MD	Mushroom button with lamp	ZS	Emergency button (alternative moving type)	CFDL	Rectangular belt light button latching	YA	Round key knob	YF	Square key button	YCF	Rectangular key knob	FG	With protecting box					(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.	
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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

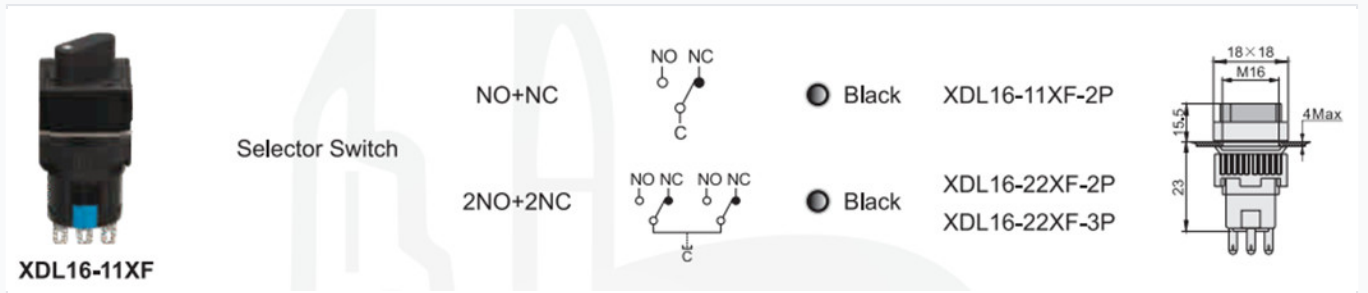
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Certifications

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