

Waterproof Selector Switch with Long Handle

This waterproof selector switch features a long handle for easy operation in demanding environments. With an IP65 rating, it offers protection against dust and water, ensuring reliable performance for industrial applications.



Overview



Industrial Selector Switch

The XDL31-CJ33 is a robust, waterproof long-handle selector switch designed for demanding industrial control circuits. With an IP65 protection rating, it effectively resists dust and water ingress, making it ideal for automation systems and machinery control panels. Built with high-grade anti-flame plastics and durable zinc alloy, this switch ensures long-term reliability and precise signaling in harsh electrical environments.

Electrical Ratings

Rated Insulation Voltage (Ui)	660 V
Rated Withstanding Impulse (Uimp)	6 kV
Conventional Thermal Current (Ith)	10 A

Environmental Performance

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)
Mechanical	IP65: Button with cover 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: OR00 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

IP Rating

IP65 • IP66 • IP67 • IP68

Operating Temperature Range	-5°C to +55°C
Pollution Grade	3

Mechanical Specifications

Mechanical Lifespan

300000 cycles
Button Operations

30000 cycles
Emergency Stop Operations

Fastening Torque

0.8Nm (Max: 1.2Nm)

Dimensions



XDL31-CJ25

Long handle
Selector
Switch

N/O+N/O



3-position
stay put

XDL31-CJ33

3-position
spring return

XDL31-CJ53

N/O+N/C

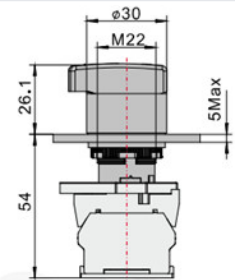


2-position
stay put

XDL31-CJ25

2-position
spring return

XDL31-CJ45



Mounting Dimensions

Metric	Value
Mounting Hole Diameter	22mm (M22)
Head Diameter	30mm
Max Panel Thickness	5mm
Total Height	54mm

Certifications

Standards & Certifications

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