

Elevator Position Switch Three-Position Pushbutton

This three-position electronic pushbutton switch is designed for elevator position indication and control. It features a robust construction and reliable operation.



Product Overview

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: Q800 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 breaking (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

Three-Position Elevator Position Switch

The XDL32-CD35 is a professional-grade three-position electronic pushbutton switch engineered for precision control and signal interlocking in elevator systems and industrial circuits. Built with a durable zinc alloy body and high-grade anti-flam plastic, it features silver alloy contacts to ensure exceptional resistance to electrical erosion. The unit is designed for versatility and reliability, supporting AC voltage up to 660V and complying with international safety standards.

Technical Ratings

Electrical Ratings

660 V

Max AC Voltage

400 V

Max DC Voltage

10 A

Rated Current (Ith)

6 kV

Impulse Voltage (Uimp)

Environmental Performance

Operating Conditions

- Operating: -5°C to +55°C
- Storage: -25°C to +70°C
- Relative Humidity: 35% - 85% RH
- Pollution Grade: 3

Compliance & Protection

Protection Grade

IP40 • IP54 • IP65 • IP66 • IP67 • IP68

Safety Standards

CE, ISO 9001, RoHS, UL, IEC 60947-5-1, GB/T 14048.1

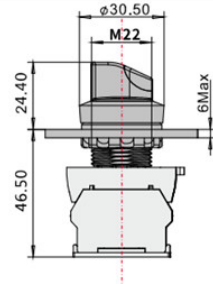
Dimensions and Mounting



XDL32-CD35

Standard
Handle
Selector
Switch
IP65

N/O+N/C		3 1	2-position Stay put	XDL32-CD25
		4 2	2-position Spring return	XDL32-CD45
N/O+N/O		3 13	3-position Stay put	XDL32-CD33
		4 14	3-position Spring return	XDL32-CD53
N/O+N/C		3 1	3-position Stay put	XDL32-CD35
		4 2	3-position Spring return	XDL32-CD55



Dimensional Details

Feature	Value
Mounting Diameter	M22
Top Diameter	30.50 mm
Max Panel Thickness	6 mm
Height above surface	24.40 mm
Overall Height	46.50 mm