

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 1DAN and 1 NC contact: 0.8DAN Auxiliary contact : with +0.5DAN and NC: +0.3DAN |
| 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

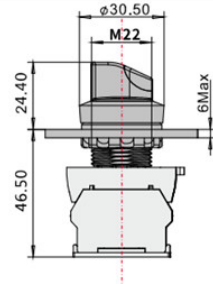
Dimensions and Mounting



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 |