

Industrial Hoist Flush Push Button Switch

This industrial push button switch is designed for hoist applications. It features a flush mount and push-to-start functionality.



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 mounting (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

Industrial-Grade Flush Push Button

This industrial push button switch is engineered for demanding hoist and control systems. Featuring a robust zinc alloy and high-grade anti-flame plastic construction, it ensures reliable operation in complex electrical circuits. Designed for safety and durability, it includes specialized silver alloy contacts that provide superior resistance to electrical erosion.

Electrical Specifications

Rated Insulation Voltage	600 V
Contact Configurations	Normally Open (NO), Normally Closed (NC)
Short-Circuit Protection	10A Fuse (IEC269-1 compliant)

Environmental Performance

Protection Grade

- IP40
- IP54
- IP65
- IP66
- IP67
- IP68

Operating Temperature	-5°C to +55°C
Relative Humidity	35% - 85% RH

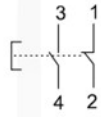
Mechanical Characteristics



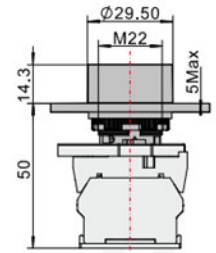
XDL31-EA4325

Flush push button
Spring return
Marked

N/O+N/C



-  Green XDL31-EA3315
-  Green XDL31-EA3365
-  White XDL31-EA3345
-  Black XDL31-EA3355
-  Blue XDL31-EA6375
-  Red XDL31-EA4325
-  Red XDL31-EA4345



Mechanical Durability

300000 Cycles

Standard Push Button

30000 Cycles

Emergency Stop Button

Dimensions

Parameter	Value
Mounting Hole	M22
Overall Diameter	29.5 mm
Height	50 mm
Max Thickness	5 mm

Standards and Certification

Approvals

CE • ISO 9001 • RoHS • UL • IEC60947-5-1