

Mushroom Head Push-Pull Button Switch

This push-pull button switch features a red, mushroom-shaped head. It is designed for use in electrical power applications as a control or emergency stop mechanism.



Overview



Specializing in production of buttons and indicators since 1997

High-visibility red mushroom head designed for industrial emergency stop applications.

Robust Mushroom Head Control Switch

The XDL31-EC45 is a professional-grade push-pull button switch featuring a highly visible red mushroom-shaped head. Engineered for reliability in demanding industrial environments, this switch is ideal for emergency stop mechanisms and critical control applications. Built with high-grade anti-flam plastics and durable silver alloy contacts, it ensures long-term operational stability and electrical efficiency.

Certifications

CE, ISO 9001, RoHS, UL, IEC 60947-5-1

Electrical Specifications

Voltage Ratings

660 V

Max AC Voltage

400 V

Max DC Voltage


6 kV

Impulse Withstand

Insulation and Protection








- Insulation Voltage (Ui): 600V
- Pollution Grade: 3
- Short-circuit Protection: 10A fuse (IEC269-1)

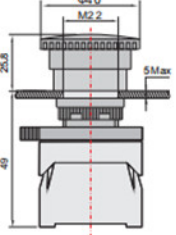
Mechanical Performance



XDL31-EC42

Mushroom head
Spring return

N/O		 Black Φ 40	XDL31-EC21
N/C		 Green Φ 40	XDL31-EC31
N/O+N/C		 Red Φ 40	XDL31-EC42
		 Red Φ 40	XDL31-EC45



Detailed dimensions for the M2.2 mounting system and 40mm mushroom head.

Mechanical Life

3000000 cycles

Standard Button Ops

300000 cycles

Emergency Stop Ops

Installation Dimensions

Dimension	Value
Mounting Thread	M2.2
Head Diameter	40mm
Max Panel Thickness	5mm

Environmental Conditions

Protection Grade

IP65 • IP66 • IP67 • IP68

Temperature Range

-5°C to +55°C (Operating), -25°C to +70°C (Storage)