

# Spring Return Push Button Switch

This spring return push button switch is designed for controlling circuits with AC voltage up to 660V. It is used for controlling signals and interlocking purposes.



## Product Overview



Specializing in production of buttons and indicators since 1997

Detailed view of the XDL27-EC45 mechanical switch construction.

## Industrial Spring Return Push Button

The XDL27-EC45 series is a robust mechanical push button switch engineered for demanding industrial control circuits. Featuring a reliable spring-return mechanism, the button automatically reverts to its original state upon release, making it ideal for signal, control, and interlocking applications. Built with high-grade anti-flame plastic and zinc alloy, these switches utilize silver alloy contacts to ensure exceptional electrical erosion resistance and long-term durability in power stations and communication networks.

## Electrical Specifications

Rated Insulation Voltage	AC 600V (50Hz/60Hz)
Conventional Heating Current	10 A
Insulation Resistance	e5M©
Contact Resistance	d25n©

## Mechanical Specifications



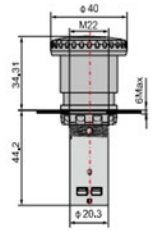
Emergency stop  
Spring return

N/O+N/C



● Green  $\Phi 40$  XDL27-EC35

● Red  $\Phi 40$  XDL27-EC45



XDL27-EC45

Dimensional drawing showing M22 mounting and 40mm head diameter specifications.

### Mechanical Life

- Pushbutton: 1,000,000 operations
- Selector switch: 500,000 operations

Mounting Hole Diameter

M22

Mushroom Head Diameter

40 mm

## Certifications

Certified Standards

CE, ISO 9001, ROHS, UL, GB/T14048.1, IEC60947-5-1

## Performance Metrics

### Core Operational Metrics

**2.5 kV**

Withstand Voltage

**60 cd/m<sup>2</sup>**

Indicator Brightness

**100000 h**

Continuous Work Life