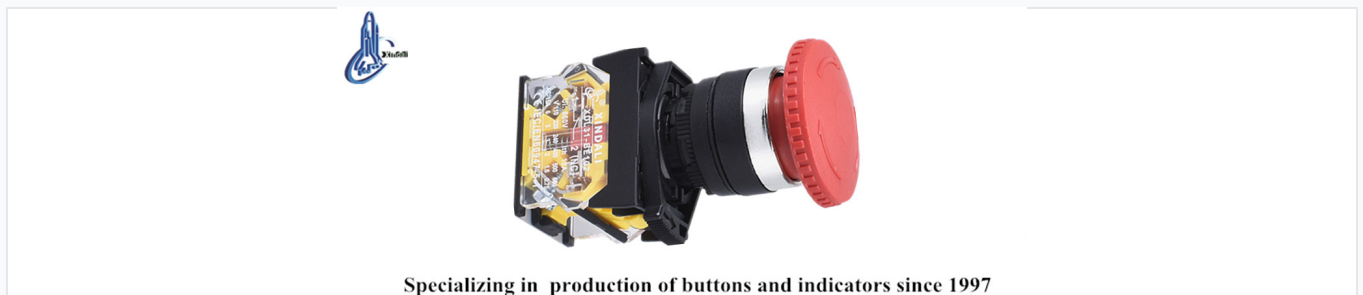


Mushroom Head Emergency Stop Push Button Switch Turn Release

This mushroom head emergency stop push button switch features a turn-to-release mechanism. It is designed for safety-critical applications requiring immediate power disconnection.



Product Overview



Specializing in production of buttons and indicators since 1997

Side profile of the safety switch highlighting the turn-to-release mechanism.

Safety-Critical Emergency Stop

The XDL31-CS545 is a robust mushroom head emergency stop push button switch featuring a reliable turn-to-release mechanism for immediate power interruption. Engineered for safety-critical industrial applications, the switch utilizes high-grade anti-flam plastic and zinc alloy construction with silver alloy contacts to ensure longevity and superior electrical resistance. It complies with major international safety standards, making it an ideal choice for machinery and equipment requiring dependable shutdown capability.

Technical Specifications

Rated Insulation Voltage (Ui)	600 V
Mechanical Life (Emergency Stop)	300000 cycles
Protection Grade	IP40, IP54, IP65, IP66, IP67, IP68
Compliance Standards	IEC60947-5-1, GB/T14048.1, GB14048.5, CE, ISO9001, RoHS, UL

Operational Environment

Operating Temperature

-5 °C Min Operating	55 °C Max Operating
-------------------------------	-------------------------------

Storage Temperature

-25 °C Min Storage	70 °C Max Storage
------------------------------	-----------------------------

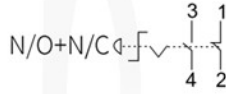
Mechanical Dimensions



XDL31-CS545

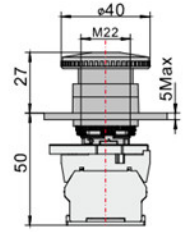
Emergency stop
Turn to release

Emergency stop
Push-pull



● Red Φ 40 XDL31-CS545

● Red Φ 40 XDL31-CT45



Dimensional diagram showing the Φ 40mushroom head and M22 mounting specifications.

Physical Dimensions

Feature	Value
Button Diameter	40mm
Mounting Hole	M22
Panel Thickness	5mm (max)
Total Height	27mm