

# Red LED Indicator Convex Head Push Button Switch

This push button switch has a red LED light indicator and a convex head. It is used for controlling circuits with AC voltage up to 660V and DC voltage below 400V.



## Product Overview

Character	
Environment	IEC60947-5-1, GB/T14048.1, GB14048.5
Reached standard	Operation: -5°C~+55°C, Storage: -25°C~+70°C
Surrounding temperature	Mushroom head button : 10g, other buttons and indication lamp: 15g(40Hz~Frequency<200Hz)
Anti-vibration property	Button:70g Mushroom head button: 15g, Selector switch : 200g
Anti-impact	IP65: Flush head and extended head, with or without indication lamp button (installation)
Protection grade	IP65: Button with cover
Mechanical	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

## Professional Industrial Push Button

This convex head push button switch features an integrated red LED indicator for clear signal status in industrial control circuits. Designed for high reliability, it utilizes advanced silver alloy contacts to resist electrical erosion and ensure longevity. The unit is built to withstand harsh environments with a high ingress protection rating and is fully compliant with international safety standards including IEC and CE.

## Electrical Specifications



Specializing in production of buttons and indicators since 1997

Rated Insulation Voltage (Ui)	600 V
Max AC Operating Voltage	660 V
Max DC Operating Voltage	400 V
Rated Withstanding Impulse	6 kV

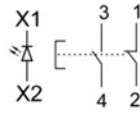
## Mechanical Characteristics



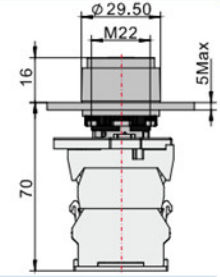
XDL31-CWL3465

Illuminated  
Projecting  
Push button  
Spring return

N/O+N/C



- White XDL31-CWL3165
- Green XDL31-CWL3365
- Yellow XDL31-CWL3565
- Blue XDL31-CWL3665
- Red XDL31-CWL3465



Mounting Diameter	22 mm
Mechanical Life	3000000 operations
Fastening Torque	0.8 Nm

## Environmental Ratings

Protection Grade	IP65, IP66, IP67, IP68
Operating Temperature	-5°C to +55°C
Pollution Grade	3

## Compliance

### Certifications

CE • ISO9001 • RoHS • UL

### Standard Compliance

- IEC60947-5-1
- GB/T14048.1
- GB14048.5