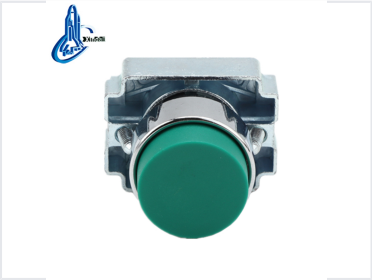
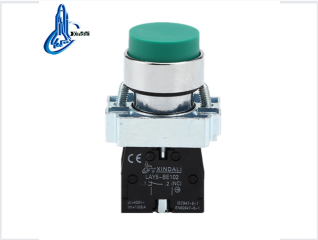
Latching Push Button Switch with Convex Head

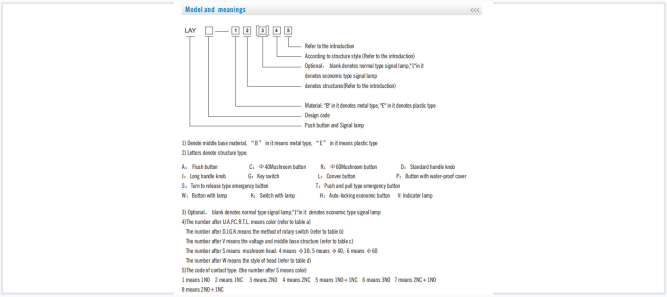
This electrical switch features a spring convex head and a latching push button mechanism. It is designed for use in controlling circuits with AC voltage up to 660V and DC voltage below 400V.



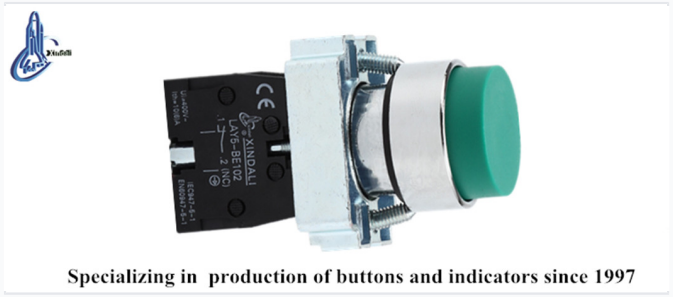
ADDITIONAL IMAGES



Product Overview



Modular design guide explaining model codes, contact types, and structural options.



The standard convex-headed latching push button designed for industrial control.

Industrial Latching Push Button

The LAY5-BL31 is a robust latching push button switch engineered for demanding industrial control applications. Featuring a distinct convex head design, it is constructed from high-grade anti-flam plastic and zinc alloy to ensure long-term durability and resistance to electrical erosion. This switch is designed for seamless integration into control panels, machinery, and power distribution systems.

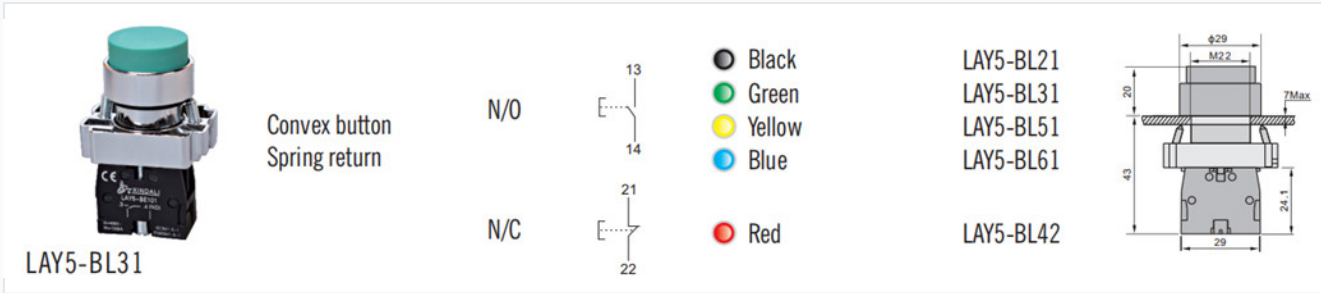
Electrical Specifications

Rated Insulation Voltage	600 V
Conventional Heating Current	10 A
Insulation Resistance	e50MΩ
Contact Resistance	d25mΩ
Power Frequency Withstand Voltage	AC 2.5KV/min

Performance Metrics

Mechanical Life (Pushbutton)	1000000
Electrical Life (Pushbutton)	500000
Continuous Working Life	100000 h

Dimensions and Mounting



Dimensional specifications and mounting requirements for the LAY5 series.

Dimensions

Dimension	Value
Total Height	43mm
Height above surface	20mm
Base Size	29mm x 29mm

Mounting Hole Diameter	22 mm
Max Panel Thickness	7 mm

Compliance and Standards

Standards Compliance

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

Certifications	CE, ISO 9001, RoHS, UL