

Convex Head Black Plastic Push Button

This push button features a convex head and is constructed from durable black plastic. It is designed for use in a variety of control applications.



ADDITIONAL IMAGES



Overview

Industrial Control Push Button

The LAY5-EL21 is a high-performance convex head push button engineered for reliable operation in demanding industrial environments. Constructed from high-grade anti-flame plastic, it features a robust design suitable for control panels, machinery, and power distribution cabinets. The unit utilizes special silver alloy contacts to ensure high resistance to electrical erosion, providing long-lasting durability for frequent switching applications.

Electrical Ratings



Specializing in production of buttons and indicators since 1997

Detailed view of the push button interface and electrical rating markings.

Rated Insulation Voltage	600 V
Conventional Heating Current	10 A
Insulation Resistance	e5M©
Contact Resistance	d25h©
Power Frequency Withstand Voltage	AC 2.5KV/min

Mechanical Performance

Mechanical Life

1000000 cycles

Pushbutton

500000 cycles

Selector Switch

Electrical Life

5000000 cycles

Pushbutton

250000 cycles

Selector Switch

Certifications & Compliance

Certifications

CE • ISO 9001 • RoHS • UL

Standards Compliance

GB/T14048.1, IEC60947-5-1

Technical Specifications



LAY5-EL42

Convex button
Spring return

N/O	13	Black	LAY5-EL21
	14	Green	LAY5-EL31
		Yellow	LAY5-EL51
		Blue	LAY5-EL61
N/C	21	Red	LAY5-EL42
	22		



Dimensional diagram showing mounting size and various color configurations for the LAY5-EL series.

Design & Material

Feature	Specification
Head Style	Convex
Body Material	High-grade anti-flame plastic
Mounting Size	22mm
Contact Material	Silver Alloy