

Mushroom Head Spring Return Pushbutton Switch

This electrical pushbutton switch features a large, red mushroom-shaped button for easy activation. Its spring return mechanism ensures the button returns to its original position after being pressed.



ADDITIONAL IMAGES



Product Overview



Specializing in production of buttons and indicators since 1997

High-visibility red mushroom actuator designed for industrial safety applications.

Industrial Mushroom Head Pushbutton

The LAY5-ER42 is a robust mushroom-head pushbutton switch engineered for demanding industrial control environments. Featuring a high-visibility red actuator and a reliable spring-return mechanism, it provides safe and immediate operation for emergency stops or general machine control. Constructed with durable zinc alloy and anti-flame plastic, this switch is designed to withstand harsh conditions while maintaining consistent electrical performance.

Electrical Ratings

Rated Insulation Voltage

600 V

Rated Insulation

Conventional Heating Current	10 A
Insulation Resistance	e5M \odot
Contact Resistance	d25n \odot
Power Frequency Withstand Voltage	AC 2.5KV/min

Mechanical Performance


Mechanical Life

Component	Cycles
Pushbutton	1,000,000
Selector Switch	500,000

Electrical Life

Component	Cycles
Pushbutton	500,000
Selector Switch	250,000

Physical Specifications



Mushroom head spring return

N/O

N/C

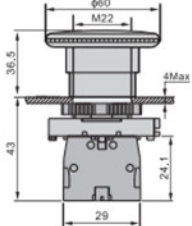
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Black Φ 60 LAY5-ER21

Green Φ 60 LAY5-ER31

Red Φ 60 LAY5-ER42



Technical drawing illustrating mounting dimensions and contact configuration.

Dimensions

- Actuator Diameter: 60mm
- Mounting Hole: M22
- Base Width: 29mm
- Max Panel Thickness: 4mm

Certifications

Compliance & Standards	CE, ISO 9001, RoHS, UL, IEC 60947-5-1, GB/T 14048.1
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