

Elevator Key Selector Switch 2-Position

This 2-position key selector switch is designed for elevator control panels. It provides a secure and reliable method for enabling or disabling equipment.



ADDITIONAL IMAGES



Overview

Elevator Key Selector Switch

The LAY5-EG21 is a professional-grade 2-position key-operated selector switch designed for secure access and control in elevator panels and industrial electrical systems. Featuring a robust construction of zinc alloy and high-grade anti-flam plastic, it ensures durability and reliability in demanding environments. The switch utilizes special silver alloy contacts to minimize electrical erosion, providing consistent performance for critical signal and interlocking applications.

Technical Specifications

Model and meanings

LAY [] [] [] [] [] []

Refer to the introduction
According to structure type (Refer to the introduction)
Optional: base structure control type signal lamp, "1" or "2"
denotes acoustic type signal lamp
denotes structure (Refer to the introduction)
Material: "P" in 6 denotes metal type, "C" in 6 denotes plastic type
Range code
Push button and Signal lamp

① Denotes metal base material, "S" in 6 means metal type, "C" in 6 means plastic type
② Letters denote structure type

A: Push button C: 10-20mA button E: 10-20mA button G: Standard handle knob
H: Long handle knob J: Key switch L: Control button P: Button with water-proof gear
S: Turn to release type emergency button T: Push and pull type emergency button
W: Button with lamp X: Switch with lamp Y: Auto-locking emergency button Z: Indicator lamp

③ Optional: 1: Acoustic alarm type signal lamp, "1" or "2" denotes acoustic type signal lamp
④ The number after U.A.F.C.B.T.L. means color (Refer to table 3)
The number after ① means the method of rotary switch (Refer to table 3)
The number after ② means the change of metal base structure (Refer to table 3)
The number after ⑤ means the material of metal (Refer to table 3)
The number after ⑥ means the size of metal (Refer to table 3)
⑦ The code of contact type (The number after ⑦ means color)

1 means 100 2 means 200 3 means 250 4 means 280 5 means 300 6 means 350 7 means 250C+100
8 means 250C+150

Model designation guide for the LAY series switches.

Rated Insulation Voltage	600 V
Conventional Heating Current	10 A
Insulation Resistance	e5MΩ
Contact Resistance	d25mΩ
Power Frequency Withstand Voltage	AC 2.5KV/min
Voltage Wave Tolerance	±20%

Performance Metrics

Mechanical Life

500000 cycles


Selector Switch Cycles

Electrical Life



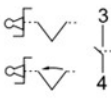
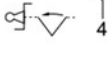
250000 cycles

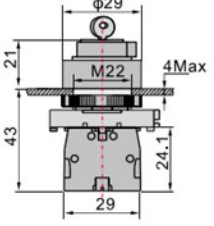
Selector Switch Cycles

Design & Construction



Key switch

N/O		2-position stay put	LAY5-EG21
		2-position spring return	LAY5-EG41
N/O+N/C		2-position stay put	LAY5-EG25
		2-position spring return	LAY5-EG45



Dimensional drawing and configuration options for the LAY5-EG series.

Switch Positions	2
Mounting Diameter	22mm
Materials	Zinc Alloy, Anti-flam Plastic, Silver Alloy Contacts

Compliance

Certifications & Standards

CE • ISO 9001 • RoHS • UL • IEC 60947-5-1