

Key Operated 2-Position Selector Switch with Spring Return

This key-operated selector switch features a spring return mechanism and two positions. It is designed for controlling signals and interlocking purposes in circuits.



Product Overview



Professional Selector Switch

This 2-position key-operated selector switch is engineered for secure industrial control applications requiring precise state management. Featuring a durable spring return mechanism and robust alloy construction, it is designed for environments demanding high electrical reliability and anti-erosion resistance. The unit integrates seamlessly into control circuits up to 660V, ensuring safety and compliance with international standards.

Technical Specifications

Character		<<<
Environment		
Reached standard	IEC60947-5-1; GB/T14048.1, GB14048.5	
Surrounding temperature	Operation: -5°C~+55°C; Storage: -25°C~+70°C	
Anti-vibration property	Mushroom head button: 10g, other buttons and indication lamp: 15g(40Hz~Frequency<200Hz)	
Anti-impact	Button: 70g; Mushroom head button: 15g; Selector switch: 200g	
Protection grade	IP65: Flush head and extended head, with or without indication lamp button (installation)	
	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: Q600 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 1 DAN and 1 NC contact: 0.8 DAN Auxiliary contact: with +0.5 DAN and NC: +0.3 DAN	
Short-circuit protection	10A fuse type complies with IEC269-1, GB14048.3	

Rated Insulation Voltage	600 V
Pollution Grade	3
Rated Withstanding Impulse Voltage	6 kV
Mechanical Life	3 million operations

Environmental Ratings

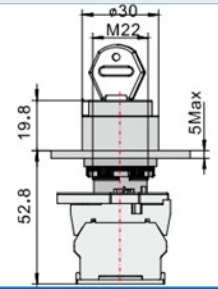
Operating Temperature Range	-5°C to +55°C
Storage Temperature Range	-25°C to +70°C
Protection Ratings	IP65, IP66, IP67, IP68

Installation Dimensions



Key switch

N/O+N/O		3 13	3-position stay put	XDL31-EG33
		4 14	3-position spring return	XDL31-EG53
N/O+N/C		3 1	2-position stay put	XDL31-EG25
		4 2	2-position spring return	XDL31-EG45



Physical dimensions

Dimension	Value
Mounting Hole	M22
Diameter	30mm
Overall Length	52.8mm
Max Panel Thickness	5mm

Compliance

Certification Standards	IEC60947-5-1, GB/T14048.1, GB14048.5, CE, UL, RoHS, ISO9001
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