

高强度抗破坏金属按钮产品特点与结构及性能

The high-intensity resistance to damage the metal push button product features and the structure and performance

LAY50系列金属按钮外观大方、安装方便、结构可靠；产品广泛应用于各类控制台、控制箱（柜）、配电箱（柜）、各类仪器仪表、精密机械、安防控制系统、消防控制系统等。

产品采用坚固耐用的金属操作头部，抗冲击性与抗震动性能更突出；材质有黄铜镀镍、不锈钢可选。

头部防护防水等级达到IP60以上，部分产品可达到IP65。

开关元件全部采用蠕动型结构设计，内含触点自洁功能，可靠性强。

LAY50 series of metal push buttons have generous appearance, easy installation, reliable structure; products are widely used in various types of consoles, control box (cabinet), power distribution box (cabinet), various types of instrumentation, precision machinery, security control systems, fire control systems, etc.

The product uses a rugged metal operating head, impact resistance and anti-vibration performance; material are made of brass nickel-plated, stainless steel optional.

Head protection waterproof rating reach IP60 or more, some products can reach IP65.

Switching elements used in all the peristaltic structural design, containing the contact self-cleaning function, high reliability.

型号及其含义 Model and implication



主要技术参数 Main technological parameter

材料	灯罩 lampshade	聚碳酸酯 Polycarbonate	面板厚度 Panel thickness	1~10mm	
Material	外壳 Shell	黄铜镀镍/不锈钢 Nickel-plated brass stainless steel	螺母扭矩 Nut torque	5~14Nm	
	基座 Base	PA66	操作压力 Operating pressure	约2N	
	灯珠类型 Lamp Bulb type	LED	操作行程 Operating stroke	约1.5mm	
灯珠参数 Lamp Bulb parameter	额定电压 Rated Vdtage	6V/12V/24V/36V	防护等级 Level of protection	IP65	
	额定电流 Rated Current	15mA	材料	触点 Contacts	银合金 Silver alloy
	灯珠颜色 Color	R G Y O B W	Material	按钮 Button	不锈钢/黄铜(镀镍) Stainless steel / brass (nickel plated)
	灯珠寿命 Life	50000小时		外壳 Shell	不锈钢/黄铜(镀镍) Stainless steel / brass (nickel plated)
接触电阻 Contact resistance	≤ 50mΩ		基座 Base	PA66	
绝缘电阻 Insulation resistane	≥ 1000MΩ				
绝缘强度 Insulating strength	2000VAC				
环境温度 Ambient temperature	-20℃~+85℃				
机械寿命 Mechanical life	50万次以上				
电气寿命 Electrical life	5万次				

φ 8、φ 12系列金属按钮			
			
LAY50-8J-D	LAY50-12J-10B	LAY50-12J-10H	
			
LAY50-12J-10HE/J	LAY50-12J-10F/J	LAY50-12J-10H/J	

φ 16系列金属按钮			
			
LAY50-16J-10H	LAY50-16J-10F	LAY50-16J-10B	LAY50-16J-D
			
LAY50-16J-11F/J	LAY50-16J-11HD/J	LAY50-16J-11FE/J	LAY50-16J-11H/J
			
LAY50-16J-11HE/J	LAY50-16J-10FD/J	LAY50-16J-10FE/J	LAY50-16J-10B/J

注： 订货时带灯型请注明颜色、电压。

订货时如需自锁请注明

Note: Lamp type when ordering please specify color and voltage.

When ordering For more information please indicate the self-locking





φ 19系列金属按钮

				
LAY50-19J-11FD/J	LAY50-19J-11F/J	LAY50-19J-11FE/J	LAY50-19J-11H/J	LAY50-19J-10F
				
LAY50-19J-10B	LAY50-19J-10H	LAY50-19J-10F/J	LAY50-19J-11B/J	LAY50-19J-10H/J

φ 22系列金属按钮

			
LAY50-22J-11FE/J	LAY50-22J-11FZE/J	LAY50-22J-11FD/J	LAY50-22J-11FZD/J
			
LAY50-22J-11H/J	LAY50-22J-11F/J		

φ 25系列金属按钮

			
LAY50-25J-11FE/J	LAY50-25J-11FZE/J	LAY50-25J-11FD/J	LAY50-25J-11F/J

注： 订货时带灯型请注明颜色、电压。

订货时如需自锁请注明

Note: Lamp type when ordering please specify color and voltage.

When ordering For more information please indicate the self-locking