

Datasheet

Item no. 704622/ 704638/ 704658/ 704675/ 704691/ 704706

V1_0717_01_en

Pushbutton Switches

Product Overview

Specs

This series, can be installed more easily and firmly and can be operated more reliably and stably. There are three standard diameters of installation hole $\Phi 22\text{mm}$, $\Phi 25\text{mm}$ and $\Phi 30\text{mm}$, can be using wide area.

Performance

Using high quality inflaming retarding materials. Switch unit is separated independently and the insulating performance is very well.

The product meets standards of IEC60947 - 5- 1, GB14048.5 etc.

Structure

The switch unit is slow - break and self - cleaning. It uses modular combination mode and you can combine from one to eight switch units optional, so can make the product meet the requirement of many special control circuits.

Protective Degree

The standard is IP40 and some types can reach IP67 with the seal cover.

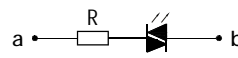
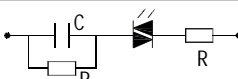

Switch Ratings

Rated Insulation Voltage	Ui: 500V				
Thermal Current	Ith: 10A				
Rated Voltage	24V	110V	220V	380V	500V
Direct Current	10A	2.2A	1.1A		
Alternating Current P.F=0.7		10A	6A	4A	2A

Specifications

Operating Temperature	-25°C ~ +55°C (no freezing)	
Operating Humidity	45 ~ 85%RH (no condensation)	
Contact Material	- silver - silver alloy - gold-clad silver, cladding thickness is 3 μm	
Contact Resistance	$\leq 50\text{m}\Omega$	
Insulation Resistance	$\geq 100\text{M}\Omega$	
Dielectric Strength	3000 V, AC 50Hz	
Vibration Resistance	50Hz, Amplitude 1.0mm p - p	
Shock Resistance	$\geq 10\text{g}$	
Life	Mechanical	Momentary type: $\geq 1,000,000$ times; Alternate type and selector type: $\geq 500,000$ times Key-lock type and emergency type: $\geq 200,000$ times
	Electrical	$\geq 50,000$ times
Terminal	Thread connection, diameter of welded wire: 2 x 1.5mm max Connecting link: 6.3 x 0.8mm	
Operating Force	800gf - 2200gf, according to the quantity of switch units	
Operating Travel	A, B, C type: about 5.5mm (pushbutton)	
	K type: about 3.8mm (pushbutton)	

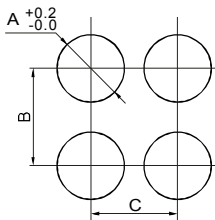
Lamp Ratings

Lamp Type	AC LED Lamp					Equivalent Circuit	
Rated Voltage	AC/DC 6V	AC/DC 12V	AC/DC 110V	AC/DC 220V	AC/DC 380V		AC/DC: (resistor step-down) 
	AC/DC 24V		AC 110V	AC 220V	AC 380V		
Rated Current	$\leq 20\text{mA}$						AC: (capacitor step-down) 
Life	40,000 hours						
Cover Color							
Suitable Frequency: 50 ~ 60Hz							

Note: 1. The lamp contains current-limiting resistor inside and doesn't need connect outside..

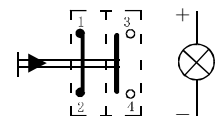
2. The standard is using AC/DC LED lamp, DC LED lamp, dual-color LED lamp and other voltages can be customized.

Installation Dimensions



Category	A	B	C	Remarks
Normal Type	$\Phi 22.5$ or $\Phi 25.5$ or $\Phi 30.5$	≥ 50	≥ 35	1, Unit: mm 2, Band C both are the minimum size.
Selector Type & Key-lock Type		≥ 50	≥ 35	
Mushroom		≥ 50	≥ 42	
Big Mushroom		≥ 70	≥ 70	

Circuit Diagram



Switch code : 11

1, 2 are normal closed;
3, 4 are normal opened;

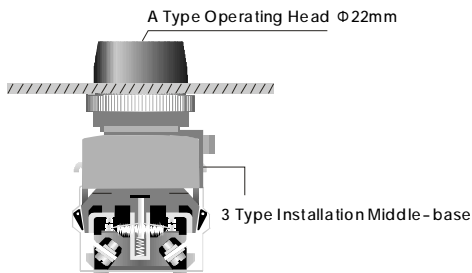
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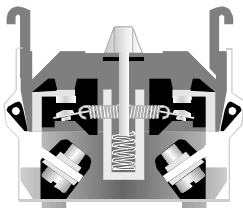
Pushbutton Switches

Structure Charts

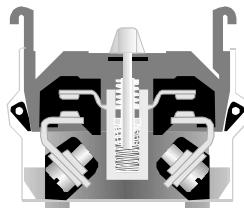


The series product adopt a new connect way for A Type operating head with 3 type quick installation middle-base, It not only realizes the continuity of panel pattern and quality, but also can be installed more easily and saves time for customers.


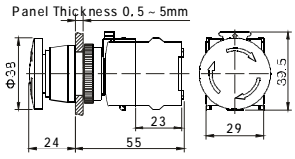
Switch Base Diagram



Quick-break Switch



Slow-break Switch

Shape	Operating Type	Type Number	Dimension	Remarks
Emergency Pushbutton 	Push-lock Turn-reset	704622	Panel Thickness 0.5 - 5mm 	<div style="display: flex; align-items: center; gap: 5px;"> R G </div>



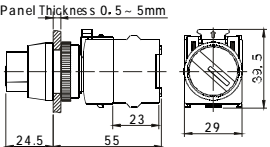





704622 : Emergency button stop switch, AC 250V, 5A Φ22mm, plastic crust

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Shape	Operating Type	Type Number	Dimension	Remarks
	 90° 2 position maintain	704638		
	 90° 2 position return	704658		
	 45° 3 position maintain	704675		
	 45° 3 position half return	704691		
	 45° 3 position self return	704706		

704638 : Selector switch, Two position maintain, AC 250V, 5A Φ 22mm,plastic crust

704658 : Selector switch, Two position return, AC 250V, 5A Φ 22mm,plastic crust

704675 : Selector switch, Three position maintain, AC 250V, 5A Φ 22mm,plastic crust

704691 : Selector switch, Three position half return, AC 250V, 5A Φ 22mm,plastic crust

704706 : Selector switch, Three position return, AC 250V, 5A Φ 22mm,plastic crust

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