Datasheet

Item no. 704722/ 704736/ 704753/ 704766/ 704781/ 704796

V1_0717_01_en

Pushbutton Switches

Product Overview

Specs

Having three head shape: round (Φ18mm),square(18×18mm) and rectangular(18×24mm), containing pilot lamps, pushbuttons, illuminated push buttons, selector switches key - lock switches and emergency switchs . The normal diameter of the installation hole is Φ16mm,and some type can be installed in Φ22mm hole easily with the diameter changing circle.

Performance

The product has stable property, small contact resistance, strong insulation resistance, anti - vibration and so on .It meets to standards of IEC60947 - 5 - 1,GB14048.5 etc.

Structure

The switch have the advantage of fast - break and self - cleaning , and each of them contains 1NO and 1NC terminal. Every pushbutton also can possess from one to four switch units.

Protective Degree

The standard degree is IP40,some of type can reach IP67 with the seal cover. And the pin insert type can be make in Ip65.

Lamp Ratings

Lamp Type	AC LED Lamp (Standard)			Neon lamp	
Rated Voltage	AC/DC6V	AC/DC12V	AC/DC24V	AC110V	AC220V
	AC/DC110V	AC/DC220V			
Cover Color:	R G Y O B W			R G	
Life	About 40,000 hours			About 20,000 hours	

Note:the lamp contains a current - limiting resistor inside and doesn't need external connection.

DC LED lamp, dual - color LED lamp and other voltages can be customized.

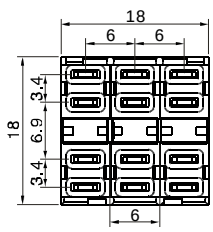
Switch Ratings

Thermal Current Ith		5A		
Rated Voltage		24V	125V(110V)	250V(220V)
Direct Current		1A	0.2A	0.1A
Alternating Current	P.F=1		5A	3A
	P.F=0.7		3A	2A

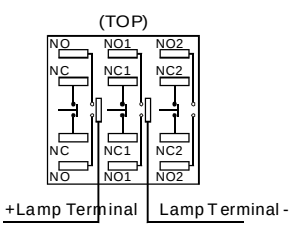
Specifications

Operating Temperature		- 25℃ ~ +55℃(no freezing)
Operating Humidity		45 ~ 85%RH(no condensation)
Contact Material		- silver - silver alloy - gold - clad silver, cladding thickness is 3μm
Contact Resistance		≤50MΩ
Insulation Resistance		≥100MΩ
Dielectric strength	Between contact and lamp terminals :	2000V,A C 50Hz,1 min
	Between terminal of the same pole:	1000V,AC 50Hz,1 min
	Between terminal of different pole:	2000V,A C 50Hz,1 min
Vibration Resistance		50Hz,Amplitude 1.2mm p - p
Shock Resistance		≥10g
Life	Mechanical — Momentary Type	1,000,000times
	Mechanical — Alternate and Selector Type	500,000 times
	Mechanical — Key - lock and Emergency Type	200,000 times
	Electrical	≥50,000times
Terminal		Diameter of welded wire:2×0.8mm Area of copper wire: 0.75mm2 max Connecting link:2.8×0.5mm
Solder Heat Resistance		230℃(no more than 3 second)
Operating Travel		(Pushbuttons) about 3mm

Bottom View

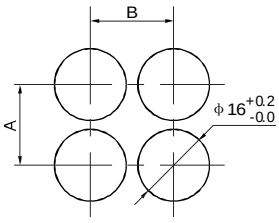


Terminal Arrangement



Installation Dimensions

Category	A	B
Round	≥18mm	≥18mm
Square	≥18mm	≥18mm
Rectangular	≥18mm	≥24mm
Mushroom	≥32mm	≥32mm



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Emergency Pushbuttons

Product Cutline

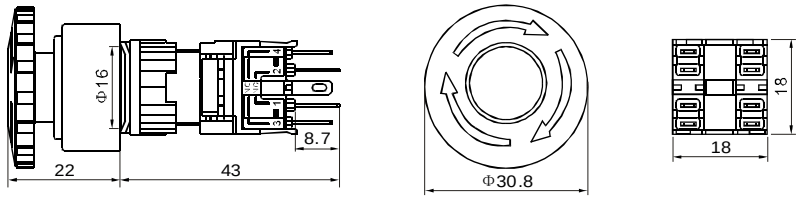
Shape	Contact	Item no.	Remarks
can be illuminated 	Monopole	704722	R G
	Dipole	704736	
	Three - pole	704753	
	Monopole	704766	
	Dipole	704781	
	Three - pole	704796	

704722 : Monopole, Emergency button stop switch, 250V, AC 3A Φ16mm,plastic crust
704736 : Dipole, Emergency button stop switch, 250V, AC 3A Φ16mm,plastic crust
704753 : Three-pole, Emergency button stop switch, 250V, AC 3A Φ16mm,plastic crust
704766 : Monopole, Emergency button stop switch, 250V, AC 3A Φ16mm,plastic crust
704781 : Dipole, Emergency button stop switch, 250V, AC 3A Φ16mm,plastic crust
704796 : Three-pole, Emergency button stop switch, 250V, AC 3A Φ16mm,plastic crust

Shape and Dimensions

- Panel Thickness 0.5~5mm

704722
704736
704753



704766
704781
704796