HPB5 Series momentary Push button

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Product Overview

HPB5 series are suitable to indus-trial

control circuit with AC 50Hz or 60HZ, 0~380V rated voltage and 0~220V D C operating voltage, used for the control of magnetic starter, contactor, relay and other electric circuit.

Specs

The product has two types: normal type

and economical type, containing pilot lamp.

pushbuttons, illuminated pushbuttons, mushroom push button, emergency pushbuttons, selector switches, key-lock switches, mushroom key-lock switches, double head switchs, The installation hole is Φ 22mm . It used in wide area.

Performance

Using high quality inflaming retard ing materials. Switch unit is separated independently, the insulating per for mance and antivibration is very well. The product meets standards of IEC60947-5-1,GB14048.5 etc.

Structure

The switch unit is slow-breal and self -cleaning. It uses modular combination mode and you can combine fromone to eight switch units optional, so can make the product meet there quirement of many special control

circuits.It can be connected more safely and installed firmly.Economical plastic type can be used in acid environment.

Protective Degree

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

Installation Dimensions

Panel thickness is 0.5~5mm



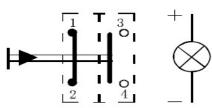
Specifications

Operating Tempera- ture		- 25 ° C~+55° C(no freezing)			
Operating Humidity		45 Operating Humidity ~ 85%RH(no condensation)			
Opera	nting Altitude	Installati on site can't be over 2000m above see level.			
Conta	act Material	-silver -silver alloy -gold-clad silver, cladding thickness is 3µm			
Contac	ct Resistance	≤50m			
Insulati	on Resistance	≥100M			
Dielec	tric Strength	3000V,Alternating Current50Hz			
Vibrati	on Resistance	50Hz,Amplitude 1.0mmp-p			
Shock	Resistance	≥10g			
Life	Mechanical	Momentary :≥1,000,000 times; alternate,selector :≥500,000 times;key-lock,emergency :≥200,000 times			
	Electrical	50000times≥			
Т	erminal	Screw terminal, connecting abili ty: Min: 1×0.5 mm, 2 Max: 2×1.5 mm or 1×2.5 mm 2 2 (with or without connecting link)			
0	peration	Operation strength:800gf~2200gf,according to the quantity of switch units Operation travel: About 5.5mm(For push button type)			
Pollu	tion Degree	3 degrees			

Switch Ratings

Rated Insulation Voltage			U	li: 660V			
Thermal Current	Ith: 10A						
Rated Voltage	24V	48V	110V	220V	380V	500V	
Direct Current	10A	5A	2.2A	1.1A			
Alternating Current P.F=0.7			10A	6A	4A	2A	

Switch Ratings



Switchcode:11 1,2arenormalclosed; 3,4arenormalopened.

Type	A	В	С	Remarks
Normal,Key-lock	≥50mm	≥40mm		1.Canbeusedin25mminstallationhole-
Lever	≥55mm	≥40mm	_	withadiameterchangingcircle.
Mushroom	≥50mm	≥50mm	Ф22	2.AandBareboththeminimumdimensions
BigMushroom	≥70mm	≥70mm		

LampRatings

LampType		ACLEDLamp		
Rated	AC/DC6V	AC/DC12V	AC/DC24V	
Voltage	AC110V	AC220V	AC380V	
LampLife	40,000hours			
LampColor	R	G Y O B W		

Note: 1. The lamp contains current-limiting resistorins ideand doesn' tneed connectouts ide...

 $2. The standard is using AC/DCLED lamp, DCLED lamp, dual-color LED lamp and other voltages can be customized. \\ customized if you need.$

Implication of Type

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Code of series	Structure type: E plastic type E1 simple type No letter means metal head.	The hont shape: Jidouble head type: llat head with llat head; Sidouble head type: llat head with bing head. No letter means round	Contact Structure: 01 1NC 10 1NO 11 1NO1NC 22 2NO2NC Can be freely combined according to your needs.	Operating type: Dipilot lamp Zalternate type X selector type XB lever type Y key - lock type M mushroom type TS emergency type No letter means momentary	◇ expresses selector and key-lock operating position: 2 two position 3 three position ◆ expresses operating type: 1 maintain 2 half return 3 self return	Color: Rired Gigreen Yiyellow Diorange Biblue Wiwhite Niblack	Lamp Voltage (Please check the lamp rating)	Protective Degree: P IP65 FP IP67 No letter means IP40

Cutline of Normal Type

