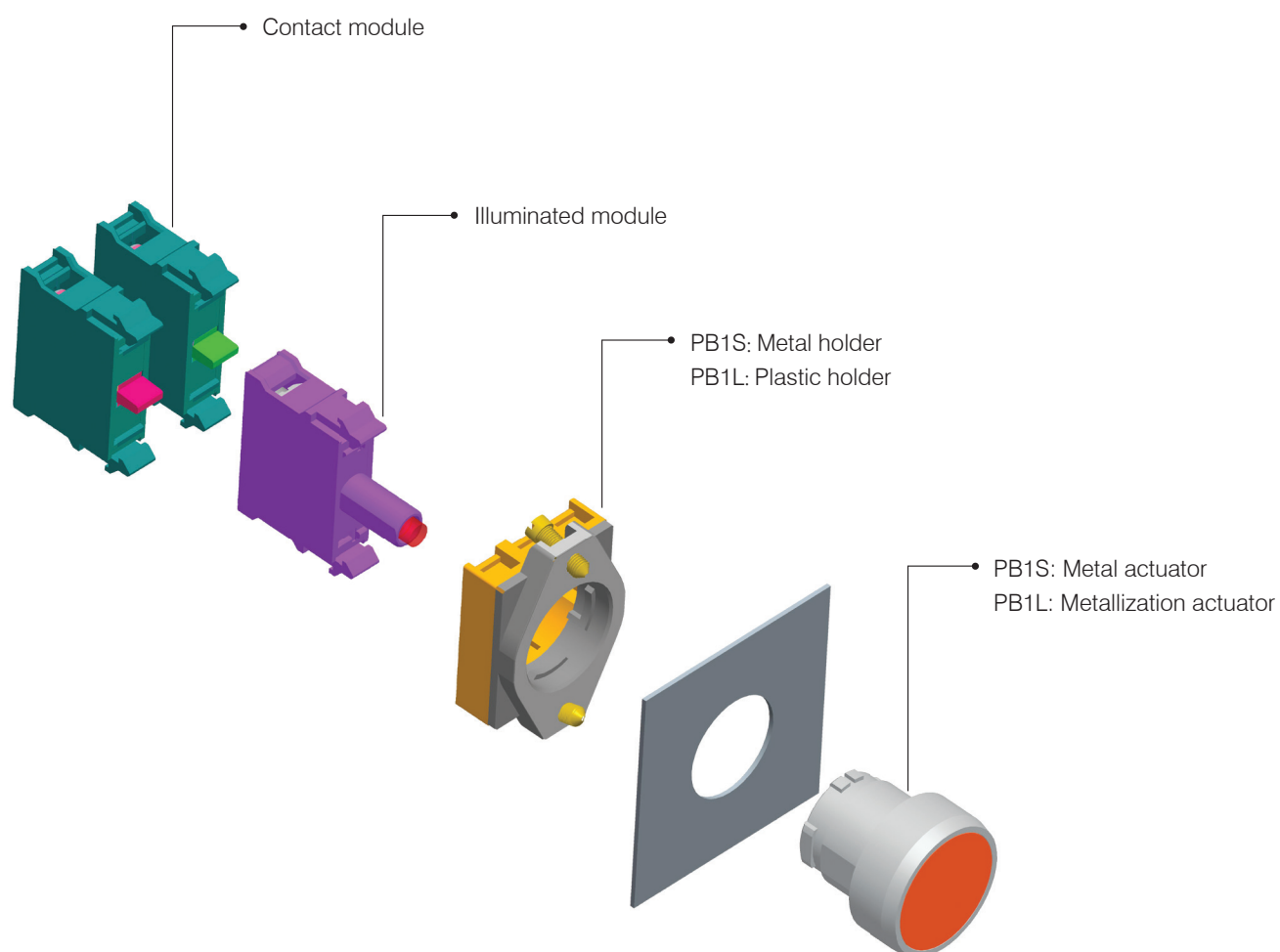


PB1L Selector Switch 22mm Siemens APT

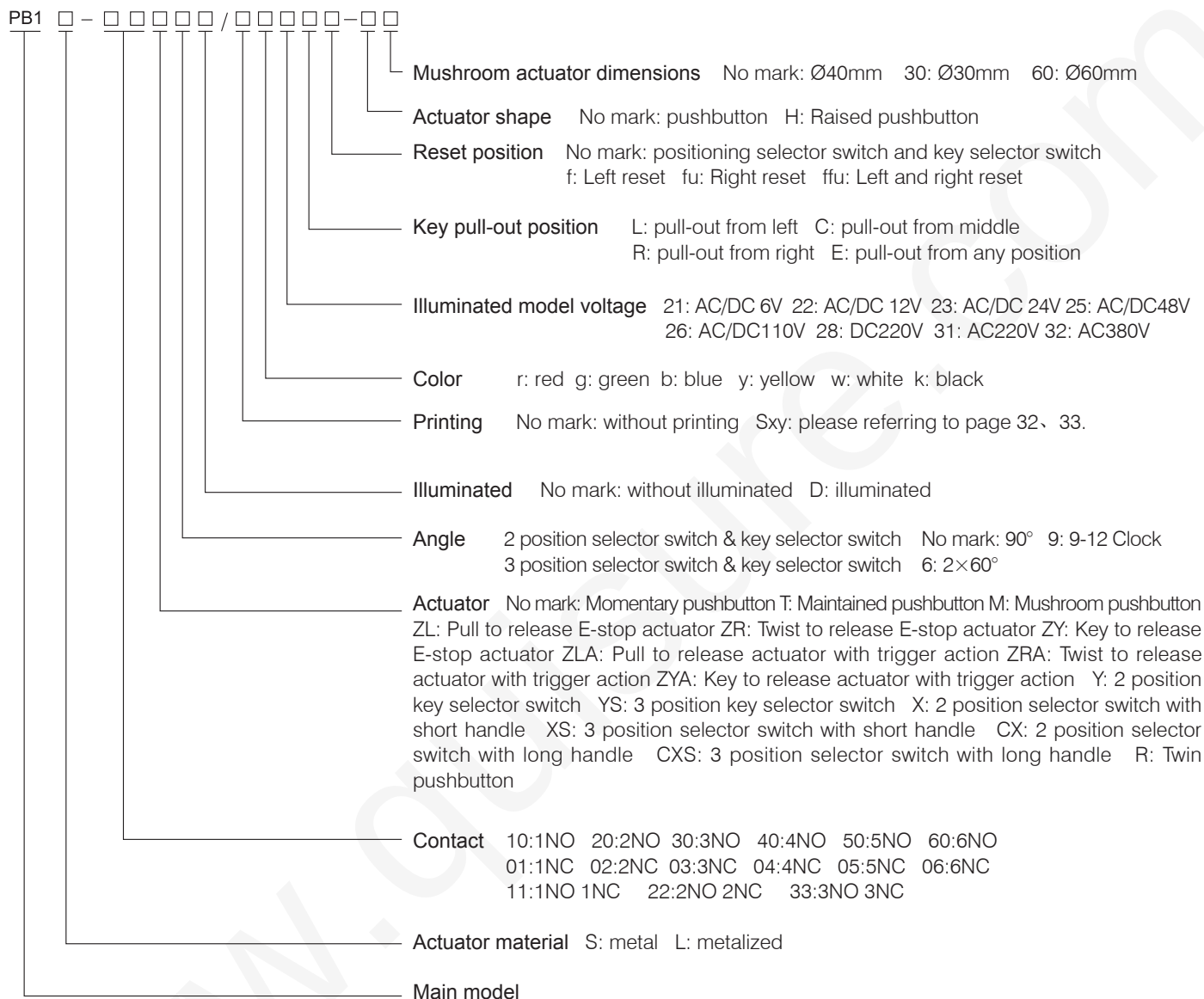
PB1 introduction

- RoHS material.
- Modularized design with easy installation.
- Protection class: IP65.

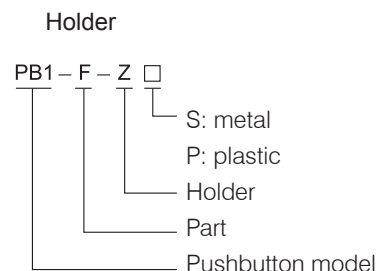
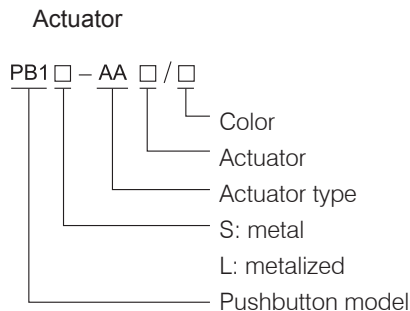
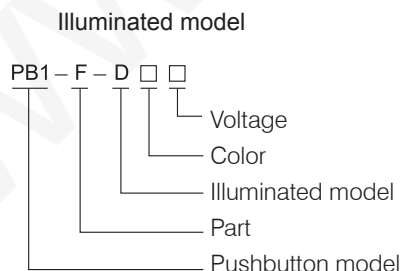


PB1L Selector Switch 22mm Siemens APT

Model



Part model



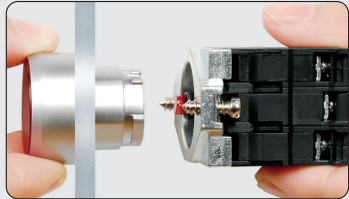
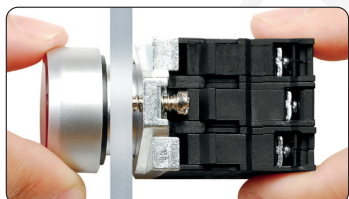
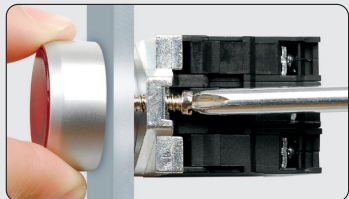
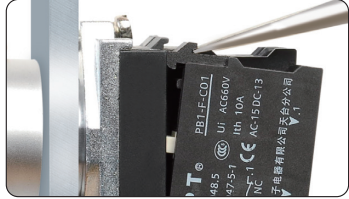
Technical Data

Technical data

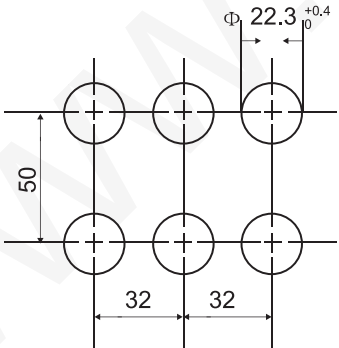
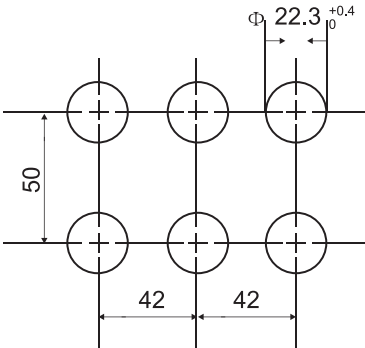
Standards:	IEC60947 Part1, IEC60947 Part 5-1, IEC60947 Part 5-5 GB14048.5, GB14048.1 GB14048.14 ISO13850									
Rated Insulation Voltage Ui:	AC 600V, 50Hz illumination module: AC440V, 50Hz; DC250V									
Rated Impulse Withstand Voltage Uimp:	AC 1890V 50Hz.1min									
Conventional Thermal Current Ith:	10A									
Rated Load:	Load type Rated operation voltage Ue				24V	48V	110V	220V	380V	440V
	AC-12	Rated operation current Ie	10A	-	10A	10A	10A	10A		
	DC-12		10A	8A	3.5A	1A	-	-		
	AC-15		6A	-	6A	6A	4A	4A		
	DC-13		6A	4A	1.2A	0.4A	-	-		
Illuminated data:	Voltage number 21 22 23 25 26 28 31 32									
	Voltage(V)AC/DC6VAC/DC12VAC/DC24V C/DC48V AC/DC110VDC220VAC220V AC380V									
	Current (mA) 18 17 16 11 18 5 19 12									
Pollution Class:	3									
Mechanical Endurance:	Pushbutton &Illuminated pushbutton& Mushroom pushbutton: 3×10 ⁶ times Selector switch & Compact pushbutton & Twin pushbutton &Maintained pushbutton: 3×10 ⁵ times Key selector switch & E-stop actuator: 5 X10 ⁴ times Contact model: 3X10 ⁶ times									
Operating Frequency:	1200 times/1hour									
Electrical Endurance:	5 X10 ⁵ times Ie / AC-15 at 6A/220V/230V Min. load: DC24V 5mA									
Operation Temperature:	Operation -25℃ -70℃ Storage -40℃ -80℃									
Protection Class:	IP65 Key selector switch IP54 Contact model and illuminated model IP20									
Shock Amplitude:	≤15g (IEC60068 2-27)									
Impact Amplitude:	≤5g 10-500Hz (IEC60068 2-6)									
Contact Resistance:	<50mΩ									
Contact Material:	AgNi10/Cu									

Installation Mounting-hole Dimensions

Installation

1. Installing the actuator into the mounting-hole.	
2. Installing the holder.	
3. Tighten the screws on holder.	
4. Dismantle the switching element or the lighting element: for simply demounting the installed element, hold up the buckle of lock-type installation system with a straight screwdriver.	

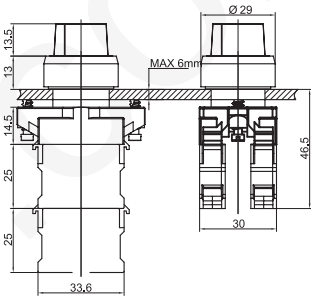
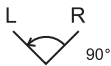
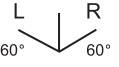
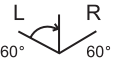
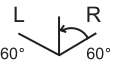
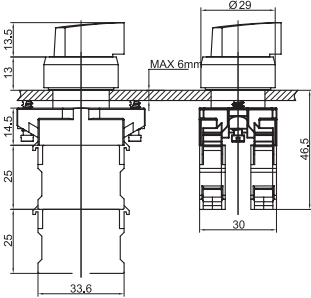
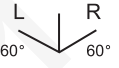
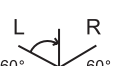
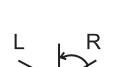
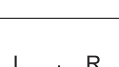
Mounting-hole Size

Pushbutton	E-stop pushbutton, Mushroom pushbutton, Select switch with long-handle
	

Notes:

- The tightening torque of wiring screw for switching element is 0.8-1.2Nm.
- The screw tightening torque of metal installation middle seat is no larger than 1Nm, and that of metalized installation middle seat is no larger than 0.8Nm.
- After installing the switching element or the lighting element, check whether the buckle is clipped in completely.

Select switch

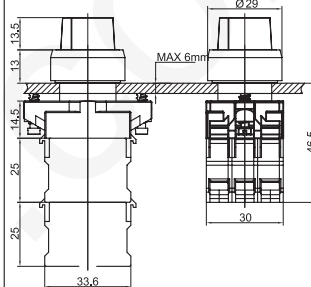
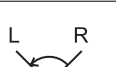
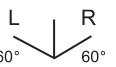
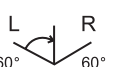
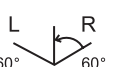
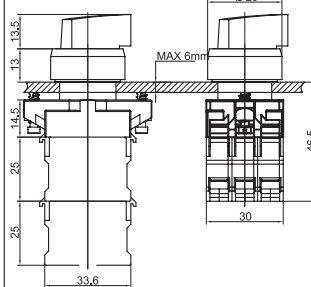
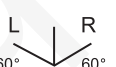
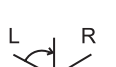
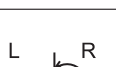
Name	Type	Status	Model		Color	Dimensions
Select switch with short handle		2 position		PB1L-■X/▲	red-r green-g yellow-y blue-b white-w black-k	
				PB1L-■X/▲fu		
		3 position		PB1L-■XS6/▲		
				PB1L-■XS6/▲f		
				PB1L-■XS6/▲fu		
				PB1L-■XS6/▲ffu		
Select switch with long handle		2 position		PB1L-■CX/▲	red-r green-g yellow-y blue-b white-w black-k	
				PB1L-■CX/▲fu		
		3 position		PB1L-■CXS6/▲		
				PB1L-■CXS6/▲f		
				PB1L-■CXS6/▲fu		
				PB1L-■CXS6/▲ffu		

Notes:

1. ■ : The type of contact module.
2. ▲ : The color of handle.

PB1L

Illuminated select switch

Name	Type	Status	Model	Rated voltage of illumination module	Dimensions
Illuminated select switch with short handle		2 position	 PB1L-■XD/▲★	red-r green-g yellow-y blue-b white-w 21-AC/DC 6V 22-AC/DC 12V 23 AC/DC 24V 25-AC/DC 48V 26-AC/DC 110V 28 DC 220V 31-AC 220V 32-AC 380V	
			 PB1L-■XD/▲★fu		
		3 position	 PB1L-■XS6D/▲★		
			 PB1L-■XS6D/▲★f		
			 PB1L-■XS6D/▲★fu		
			 PB1L-■XS6D/▲★ffu		
Illuminated select switch with long handle		2 position	 PB1L-■CXD/▲★	red-r green-g yellow-y blue-b white-w 21-AC/DC 6V 22-AC/DC 12V 23-AC/DC 24V 25-AC/DC 48V 26-AC/DC 110V 28 DC 220V 31-AC 220V 32-AC 380V	
			 PB1L-■CXD/▲★fu		
		3 position	 PB1L-■CXS6D/▲★		
			 PB1L-■CXS6D/▲★f		
			 PB1L-■CXS6D/▲★fu		
			 PB1L-■CXS6D/▲★ffu		

Notes:

1. ■ : The type of contact module.
2. ▲ : The color of handle.
3. ★ : Rated voltage of illumination module.

Accessories

Accessories

Name	Type	Model	Description	Function
Contact module		PB1-F-C10	1NO	Contact module
		PB1-F-C01	1NC	
Illuminated module		PB1-F-D/▲★	▲ : Color ★ : Rated voltage	Illuminated module
Holder		PB1-F-ZS	S: metal	Holder
		PB1-F-ZP	P: Plastic	
Seal cover		PB1-F-M1	Only PB1S use	Select and use
		PB1-F-M2	Only PB1L use	
Protecting cover		F1	IP65	Select and use
		F2	Metal	Select and use