

### LAS0 series K type pushbutton switches

#### Product Overview

LAS0 series K type product that has five own intellectual property rights is a new kind of pushbutton, which is produced in recent years. Operating part and middle connection adopt convenient and quick installation way. It can be used under every terrible condition because of the shock, fall and vibration resistance.

These series pushbuttons have various head types. The height of all panel installation is 10mm, except selector and emergency type.

K type pushbutton switches' design philosophy for professional engineering bases on introducing, assimilating and innovating. The product blends new design ideas for the artistic technology mode of modern industrial product and adopts humanized overall structure design, which makes product has more beautiful shape, stronger structure and can be installed more quickly.

#### Protective Degree

Common collocation is IP40. It is designed internal high-level protection according to clients' different demands. Pushbuttons are IP65 and selector switches, key-lock switches and emergency pushbuttons can be IP67.

#### Outer Structure

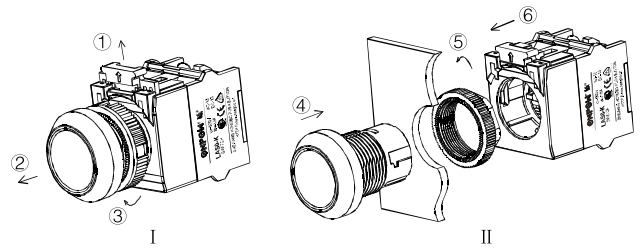
The geometrical shape of operating part optimizes the organic combination of line and plane, plane and pyramid, which is not only nice and practical, but also can remove the operator's weary sight and lead the trend of modern science.

#### The Cutline of Panel Installation



#### Convenient Installation

The product is made up of operating part, connection and contact, used with advanced alternate fixtureless connection, which is safe and reliable. It shows humanized design thinking and can be dismounted and installed efficiently. The multifunctional fixed bolt cap can be installed in  $\Phi 22\text{mm}$   $\Phi 25\text{mm}$  panel installation without any gadgets and the step of spanner installation makes it can be installed more stably.




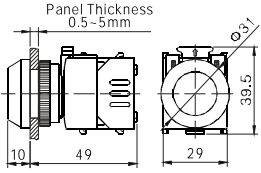


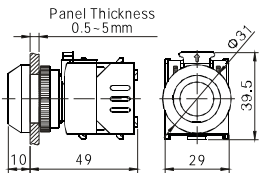




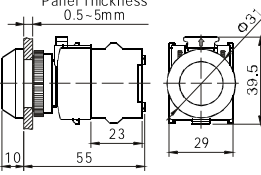

#### Complete Varieties



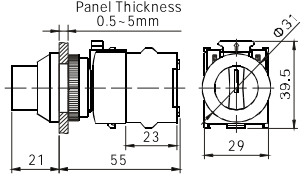






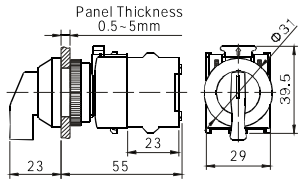






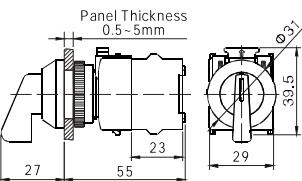






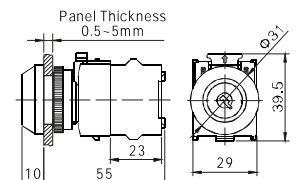





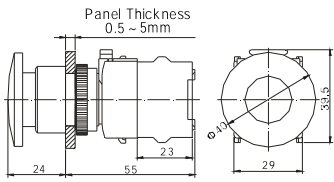

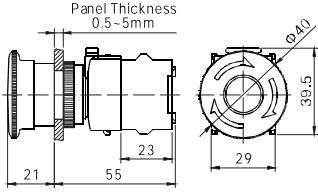

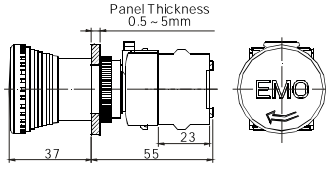
Besides common types like pilot lamp, flat head type, selector switch, key-lock switch, emergency switch, K type pushbutton switches bring out many new types like metal type, ring illuminated type, new mushroom type and so on, satisfying the requirement of electric appliance control, signal transformation and connection etc. in various fields and bringing your equipments more advantages. Furthermore, economical K type pushbutton switches give you more choices certainly.

#### Implication of Type


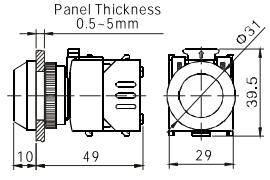


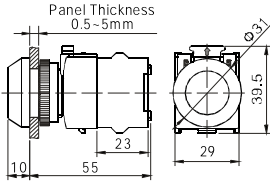


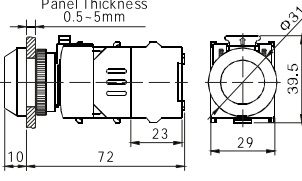


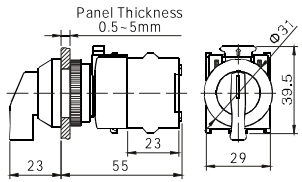


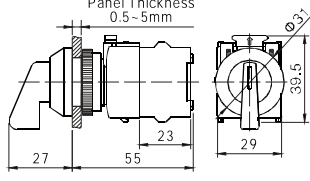


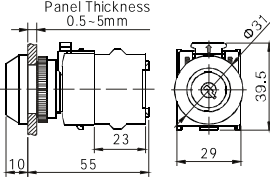

LAS0 - ☆ - □ ■ ○ ● / ◇ ◆ / ▲ / ▼ / ◎									
Code of series	Code of various: K common type KE economical type	Contact Structure: 11 1NO1NC 22 2NO2NC 33 3NO3NC 44 4NO4NC can choose the compound mode according to the requirement: If you need 'slow motion structure', please add M in front of the model number. For example: 'M11'.	Code name of Derivative Products: Z alternate type X knob type XA lever type A XB lever type B Y key-lock type M mushroom TSA emergency type A TSB emergency type B The Momentary type is without letter	Cover mode of momentary/ Alternate type: P flat metal type Q globular metal type Common lastics type is without letter	Pilot lamp or illuminated type: E ring D common	◇ expresses selector and key-lock operating position: 2 2 position 3 3 position ◆ expresses selector and key-lock operating type: 1 Maintain 2 Half return 3 Self return	Voltage of the lamp	Color: R red G green Y yellow O orange B blue W white N black	Protective Degree P IP65 FP IP67 IP40 is without letter

Product Cutline

Shape	Operating Type	Type Number	Dimension	Remarks
	Pilot Lamp	LAS0-K-D/△/▲/◎		 Protective Degree: IP40、IP65
	Pilot Lamp	LAS0-K-E/△/▲/◎		 Protective Degree: IP40、IP65
	Momentary	LAS0-K-□/△/◎		 Protective Degree: IP40、IP65
	Alternate	LAS0-K-□Z/△/◎		
	Momentary	LAS0-K-□D/△/▲/◎		 Protective Degree: IP40、IP65
	Alternate	LAS0-K-□ZD/△/▲/◎		
	Momentary	LAS0-K-□E/△/▲/◎		 Protective Degree: IP40、IP65
	Alternate	LAS0-K-□ZE/△/▲/◎		
	Momentary	LAS0-K-□P/◎		Metal Flat Head Protective Degree: IP40、IP65
	Alternate	LAS0-K-□ZP/◎		
	Momentary	LAS0-K-□Q/◎		Metal Flat Head Protective Degree: IP40、IP65
	Alternate	LAS0-K-□ZQ/◎		

Shape	Type	Type Number	Dimension	Remarks
Selector switch 	 2 position maintain	LAS0-K-□X/21/◎		<b>N</b> Protective Degree: IP40、IP67
	 2 position return	LAS0-K-□X/23/◎		
	 3 position maintain	LAS0-K-□X/31/◎		
	 3 position half return	LAS0-K-□X/32/◎		
	 3 position return	LAS0-K-□X/33/◎		
A type Lever switch 	 2 position maintain	LAS0-K-□XA/21/◎		<b>N</b> Protective Degree: IP40、IP67
	 2 position return	LAS0-K-□XA/23/◎		
	 3 position maintain	LAS0-K-□XA/31/◎		
	 3 position half return	LAS0-K-□XA/32/◎		
	 3 position return	LAS0-K-□XA/33/◎		
B type Lever switch 	 2 position maintain	LAS0-K-□XB/21/△/◎		<b>R</b> <b>G</b> <b>Y</b> <b>N</b> Protective Degree: IP40、IP67
	 2 position return	LAS0-K-□XB/23/△/◎		
	 3 position maintain	LAS0-K-□XB/31/△/◎		
	 3 position half return	LAS0-K-□XB/32/△/◎		
	 3 position return	LAS0-K-□XB/33/△/◎		
Key-lock switch 	 2 position maintain	LAS0-K-□Y/21/△/◎		<b>R</b> <b>G</b> <b>N</b> Protective Degree:
	 2 position return	LAS0-K-□Y/23/△/◎		
	 3 position maintain	LAS0-K-□Y/31/△/◎		
	 3 position half return	LAS0-K-□Y/32/△/◎		
	 3 position return	LAS0-K-□Y/33/△/◎		
Mushroom pushbutton (can be illuminated) 	Momentary	LAS0-K-□M/△/▲/◎		<b>R</b> <b>G</b> Protective Degree: IP40、IP67
	Alternate	LAS0-K-□ZM/△/▲/◎		
A type emergency pushbutton 	Push-lock Turn-reset	LAS0-K-□TSA/▲/◎		<b>R</b> <b>G</b> Protective Degree: IP40、IP67
B type emergency pushbutton 	Push-lock Turn-reset	LAS0-K-□TSB/▲/◎		<b>R</b> Protective Degree: IP40、IP67

Product Outline

Shape	Type	Type Number	Dimension	Remarks
	Pilot Lamp	LAS0-KE-D/ $\Delta$ / $\blacktriangle$ / $\odot$	 <p>Panel Thickness 0.5-5mm</p> <p>Dimensions: 10, 49, 29, 39.5, <math>\phi 31</math></p>	 Protective Degree: IP40, IP65
	Economical flat head	Momentary		
	Alternate	LAS0-KE- $\square$ Z/ $\Delta$ / $\odot$	 <p>Panel Thickness 0.5-5mm</p> <p>Dimensions: 10, 55, 23, 29, 39.5, <math>\phi 31</math></p>	 Protective Degree: IP40, IP65
	Economical illuminated flat head	Momentary		
	Alternate	LAS0-KE- $\square$ ZD/ $\Delta$ / $\blacktriangle$ / $\odot$	 <p>Panel Thickness 0.5-5mm</p> <p>Dimensions: 10, 72, 23, 29, 39.5, <math>\phi 31</math></p>	 Protective Degree: IP40, IP65
	Economical selector switch	L $\swarrow$ R 2 position maintain		
	L $\swarrow$ R 2 position return	LAS0-KE- $\square$ X/23/ $\odot$		
	L $\swarrow$ C 3 position maintain	LAS0-KE- $\square$ X/31/ $\odot$		
	L $\swarrow$ C 3 position half return	LAS0-KE- $\square$ X/32/ $\odot$		
	L $\swarrow$ C 3 position self return	LAS0-KE- $\square$ X/33/ $\odot$		
	L $\swarrow$ R 2 position maintain	LAS0-KE- $\square$ XA/21/ $\odot$	 <p>Panel Thickness 0.5-5mm</p> <p>Dimensions: 23, 55, 23, 29, 39.5, <math>\phi 31</math></p>	 Protective Degree: IP40, IP67
	L $\swarrow$ R 2 position return	LAS0-KE- $\square$ XA/23/ $\odot$		
	L $\swarrow$ C 3 position maintain	LAS0-KE- $\square$ XA/31/ $\odot$		
	L $\swarrow$ C 3 position half return	LAS0-KE- $\square$ XA/32/ $\odot$		
	L $\swarrow$ C 3 position return	LAS0-KE- $\square$ XA/33/ $\odot$		
	L $\swarrow$ R 2 position maintain	LAS0-KE- $\square$ XB/21/ $\Delta$ / $\odot$	 <p>Panel Thickness 0.5-5mm</p> <p>Dimensions: 27, 55, 23, 29, 39.5, <math>\phi 31</math></p>	 Protective Degree: IP40, IP67
	L $\swarrow$ R 2 position return	LAS0-KE- $\square$ XB/23/ $\Delta$ / $\odot$		
	L $\swarrow$ C 3 position maintain	LAS0-KE- $\square$ XB/31/ $\Delta$ / $\odot$		
	L $\swarrow$ C 3 position half return	LAS0-KE- $\square$ XB/32/ $\Delta$ / $\odot$		
	L $\swarrow$ C 3 position return	LAS0-KE- $\square$ XB/33/ $\Delta$ / $\odot$		
	L $\swarrow$ R 2 position maintain	LAS0-KE- $\square$ Y/21/ $\Delta$ / $\odot$	 <p>Panel Thickness 0.5-5mm</p> <p>Dimensions: 10, 55, 23, 29, 39.5, <math>\phi 31</math></p>	 Protective Degree: IP40, IP67
	L $\swarrow$ R 2 position return	LAS0-KE- $\square$ Y/23/ $\Delta$ / $\odot$		
	L $\swarrow$ C 3 position maintain	LAS0-KE- $\square$ Y/31/ $\Delta$ / $\odot$		
	L $\swarrow$ C 3 position half return	LAS0-KE- $\square$ Y/32/ $\Delta$ / $\odot$		
	L $\swarrow$ C 3 position return	LAS0-KE- $\square$ Y/33/ $\Delta$ / $\odot$		