PRODUCT CATALOGUE

Push button

Indicator light

Warning light



江苏双科电气有限公司
JIANGSU SHUANGKE ELECTRICAL CO., LTD.

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采用环保纸印刷

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The future of light shine

Company Profile

Shuangke Electrical, is a company focused on industrial control electric field. Company employees about 400 people, technical staff accounted for 10%; The company has sales network and offices all over the country provinces and cities, products cover, Germany, Britain, Italy, South Africa and more than 10 countries and regions.

Shuangke Electrical provide service for electricity, communications, chemical industry, mechanical engineering, rail transportation, industrial lighting and automation industries such as customers, product by China CCC, European Union CE certification, etc.



Shuangke Electrical self-developed SKB0, SKB2, SKB4, LAY50 series push button switch, AD56 series energy saving indicator lamp, SK series warning lights, LED light-emitting devices and other products in the Shenyang metro, Shanghai metro emergency exit, Guangzhou metro emergency exit, Guangzhou university town, Foxconn, Shenyang machine tool plant, Dongguan kunlun machinery, Zhejiang Tianhuang educational instrument, Zhejiang Wanli textile ,Ningbo general plastics machinery, such as important areas are widely used and recognized.

Shuangke Electrical always adhere to the "people-oriented, scientific and technological innovation" the management policy, with "integrity, pragmatic, efficient, innovation" service purposes,to provide intelligent industrial control of electric field and reliable solutions.

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PUSH BUTTON SWITCH SERIES



Characteristics Structure And Performance

Contact and Lamp Element modularization: Both Snap Action contact and Slow Action contact are the same demention, can be any combination and increase,pushbutton increase the illuminated function without increasing the product installation space,un-illuminated push button can control 3 group contacts without increasing the volume of the products simultaneously.

Self-cleaning capacity of the switch contact: adhering to Shuangke advanced design concepts,Snap action contact have self-cleaning ability,with the operation of the push button switch, the contacts can be self-cleaning surface dust and oxidation layer,keep the electricity performance of theproducts.

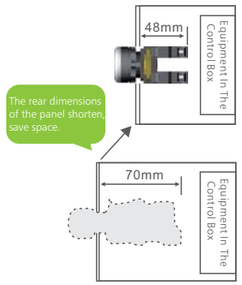
The waterproof performance: increase the waterproof design,waterproof grade up to IP65.

Small size, simple structure：the rear dimensions of the panel only 48mm, operation components and switch components connection easier, to ensure the connection reliability and service life. It is more convenient to install.

The electricity performance more powerful: 120V voltage can carry 10A current,mechanical life up to 3 million times.

- Panel Out High (10 Mm) Thin Design, Reflect Concise, Fashion Image Of Plane Control Panel

Can realize image fashionable device and operation control panel. And the flat surface less concave and convex, in the security level, is to reduce the wrong operation or accident caused by bump was accidentally touch panel, and on the health level ,can reduce the accumulation of dust and rubbish.



After using SKB0 series panel size to shorten 30%, and weight reduction

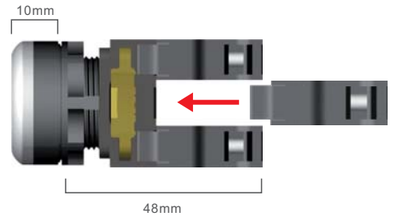
22D Traditional Series

Compared with traditional series,the rear dimensions of the panel shorten,that can save the space of control box .

- The Rear Dimensions Of The Panel Only 48mm,can Proceed Save Space Design.

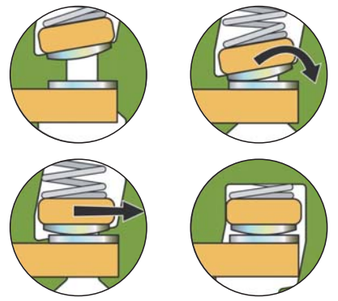
Make contributions to the miniaturization of device and control panel, make save space design to possible.Non-illuminated flat push button on each layer equipped with two contacts,canbe installed two layers,total four contacts. Illuminated flat push button on each layer equipped with three contacts, can be installed two layers,total six contacts.

Can also be combined with the push button box and other Ø22 mounting hole in common use control box,It has the ultra short body,but with 120V, AC-10A contact switching capacity.All lighting voltage without transformers, the rear of the panel elongation is consistent.



- The contact with self-cleaning function,low-current can also be applied.

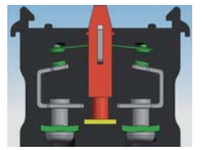
Both Snap Action contact and Slow Action contact can realize contact self-cleaning function. During operation,the moving contact rolling,sliding sideways after contact with the static contact,This feature to ensure the contact self-cleaning function even in the low-current applications.



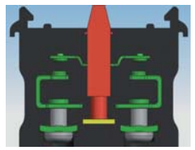
Self-cleaning function

- Superposition form is convenient and practical, two kinds of contact structure can be choice.

The contacts can be superpositioned,able to respond to all kinds of contacts structure flexibly.
Contacts modularization,the contact have snap action contact and slow action contact.
Snap Action contact(left) advantage： fast breaking,powerful breaking capacity.
Slow Action contact(right) advantage：can carry large current (compare with Snap Action contact), strong overload capacity.



Snap Action contact



Slow Action contact

Model Label

SK B 0 — P 1 2 / 3 4 5

Enterprise code | Push button | Design serial number | New style head

1 The Auxiliary Model

Letter	Meaning	Letter	Meaning	Letter	Meaning
A	Flat Push Button	M	Mushroom Push Button	YS	Three-position Key Button
L	High Cap Push Button	MT	Mushroom Self-locking Push Button	X	Short-handle Two-position Turn Button
LA	Extended Push Button	Z3	Ø30 Emergency Push Button	XS	Short-handle Three-position Turn Button
UA	Low Flat Push Button	Z4	Ø40 Emergency Push Button	CX	Long-handle Two-position Turn Button
D	Illuminated Push Button	R	Double Position Push Button	CXS	Long-handle Three-position Turn Button
T	Self-locking Push Button	Y	Two-position Key Button		

2 Contact Classification

Contact	1NO	1NC	2NO	2NC	1NO+1NC
Code	10	01	20	02	11

3 Color Classification

Color	Red	Green	Yellow	White	Blue	Black
Code	R ●	G ●	Y ●	W ○	B ●	K ●

4 Lamp Voltage

Voltage	6V	12V	24V	36V	48V	110V	127V	220V	220V	380V
Code	21	22	23	24	25	26	27	28	31	32
Power Supply	AC. DC								50-60Hz AC	

5 The Key Button Action Function And Key Pull Out Position

Action function	Left reset	Right reset	Left and right reset
Code	f	fu	ffu

Key pull out position	Left pull out	Middle pull out	Right pull out
Code	a	ao	au

Main Technical Data

Rated capacity	Snap Action contact	AC-15 220V/2.5A 380V/1.5A 660V/0.8A
		DC-13 24V/3.6A 48V/3A 110V/1A 220V/0.4A 440V/0.25A
	Slow Action contact	AC-15 220V/6A 380V/4A 660V/2A
		DC-13 24V/6A 48V/3A 110V/1A 220V/0.5A 440V/0.25A
Contact resistance		≤50mΩ
Maximum insulation voltage		AC 2500V 50Hz·1min
Mechanical life		flat push button≥3×10^6 turn button≥3×10^4 key button≥5×10^4 emergency button≥5×10^4
Electrical life		≥60×10^4
Rate thermal current (1th)		10A
Rated insulation voltage (Ui)		AC 660V
Environment temperature		-25℃ ~ +55℃
Front protection degree		Default IP54, if need IP65,please add "IP65"after model while release order. Key button is IP40,SKBO flat button can mach accessory F1 become IP67

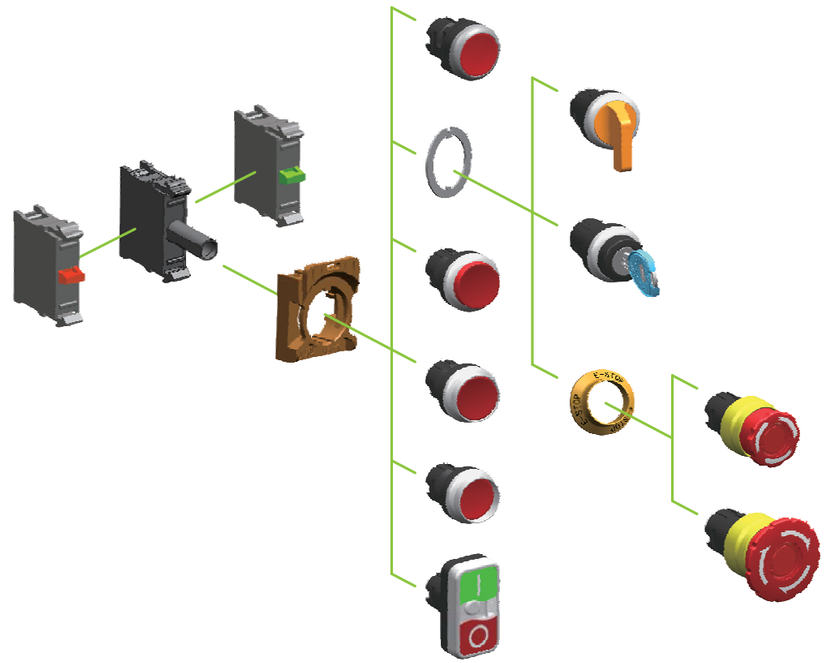
Components And Accessories



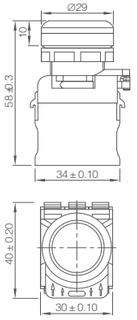
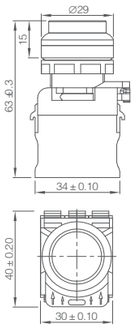
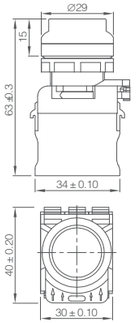
Contact base | Push button head | Push button



The auxiliary contact connection: contact can add up to 2 layer.

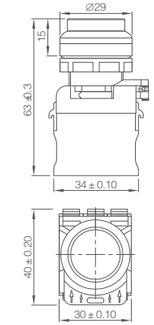
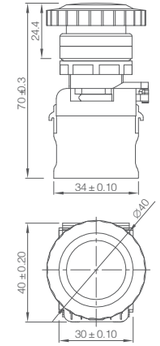
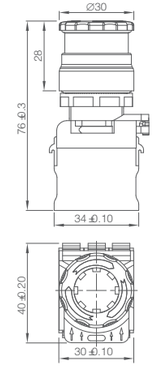


SKB0 Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button 	Instantaneous	SKB0-PA ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	
Flat push button with light 	Instantaneous	SKB0-PA■D/●□				
	Self-locking	SKB0-PA■TD/●□				
High cap push button 	Instantaneous	SKB0-PL ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	
High cap push button with light 	Instantaneous	SKB0-PL■D/●□				
	Self-locking	SKB0-PL■TD/●□				
Extended push button 	Instantaneous	SKB0-PLA ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	
Extended push button with light 	Instantaneous	SKB0-PLA■D/●□				
	Self-locking	SKB0-PLA■TD/●□				

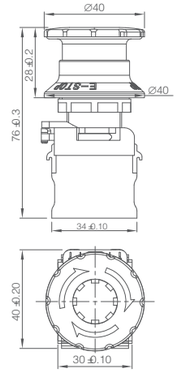
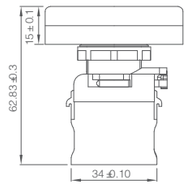
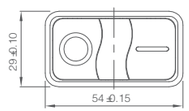
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. The contact have SKB0-1 (Snap Action contact), SKB0-2 (Slow Action contact), please specify when ordering, if no indicate will default to Snap Action contact.

SKB0 Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Low flat push button 	Instantaneous	SKB0-PUA ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	
Low flat push button with light 	Instantaneous	SKB0-PUA■D/●□				
	Self-locking	SKB0-PUA■TD/●□				
Mushroom push button 	Instantaneous	SKB0-PM ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	
Mushroom push button with light 	Instantaneous	SKB0-PM■D/●□				
	Self-locking	SKB0-PM■TD/●□				
Ø30 Emergency push button 	Without Warning Ring	SKB0-PZ3 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	
	With Warning Ring	SKB0-PZ3J ■/●				
Ø30 Emergency push button with light 	Without Warning Ring	SKB0-PZ3■D/●□				
	With Warning Ring	SKB0-PZ3J■D/●□				

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. The contact have SKB0-1 (Snap Action contact), SKB0-2 (Slow Action contact), please specify when ordering, if no indicate will default to Snap Action contact.

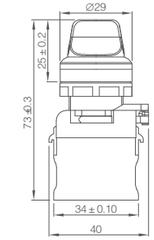
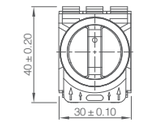
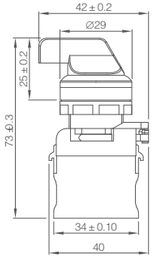
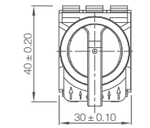
SKB0 Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Ø40 Emergency push button 	Without Warning Ring	SKB0-PZ4 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	
	With Warning Ring	SKB0-PZ4J ■/●				
Ø40 Emergency push button with light 	Without Warning Ring	SKB0-PZ4■D/●□				
	With Warning Ring	SKB0-PZ4J■D/●□				
Double position push button 	Instantaneous	SKB0-PR ■	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R/G: Red/Green ●/● (push button color) W: white ○ (light color)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	 
Double position push button with light 	Instantaneous	SKB0-PR■D/□				

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.

2. The contact have SKB0-1 (Snap Action contact), SKB0-2 (Slow Action contact), please specify when ordering, if no indicate will default to Snap Action contact.

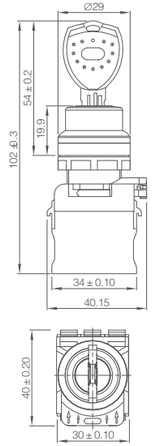
SKB0 Series Push Button

Product name	Operating position		Model	Contact	Color	Light voltage	Overall dimensions
Short-handle turn button 	Two Position	L R	SKB0-PX ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ● (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	 
		L C R	SKB0-PX ■/●f				
		C R	SKB0-PX ■/●fu				
	Three Position	L C R	SKB0-PXS ■/●				
		L C R	SKB0-PXS ■/●f				
		L C R	SKB0-PXS ■/●fu				
		L C R	SKB0-PXS ■/●ffu				
Short-handle turn button with light 	Two Position	L R	SKB0-PX■D/●□				
		C R	SKB0-PX■D/●□fu				
	Three Position	L C R	SKB0-PXS■D/●□				
		L C R	SKB0-PXS■D/●□f				
		L C R	SKB0-PXS■D/●□fu				
		L C R	SKB0-PXS■D/●□ffu				
Long-handle turn button 	Two Position	L R	SKB0-PCX ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ● (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 32: AC380V	 
		C R	SKB0-PCX ■/●f				
		C R	SKB0-PCX ■/●fu				
	Three Position	L C R	SKB0-PCXS ■/●				
		L C R	SKB0-PCXS ■/●f				
		L C R	SKB0-PCXS ■/●fu				
		L C R	SKB0-PCXS ■/●ffu				
Long-handle turn button with light 	Two Position	L R	SKB0-PCX■D/●□				
		C R	SKB0-PCX■D/●□fu				
	Three Position	L C R	SKB0-PCXS■D/●□				
		L C R	SKB0-PCXS■D/●□f				
		L C R	SKB0-PCXS■D/●□fu				
		L C R	SKB0-PCXS■D/●□ffu				

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.

2. The contact have SKB0-1 (Snap Action contact), SKB0-2 (Slow Action contact), please specify when ordering, if no indicate will default to Snap Action contact.

SKB0 Series Push Button

Product name	Operating position		Model	Contact	Key pull out position	Overall dimensions
key button	Two Position	L R	SKB0-PY ■/□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC 22: 2NO+2NC	Please use the following key pull out position code replace the "□" in model a: left pull out ao: middle pull out au: right pull out Note: Since the key to reset button pull out the key position Not for the reset action position	
		L C	SKB0-PY ■/□f			
		C R	SKB0-PY ■/□fu			
	Three Position	L C R	SKB0-PYS ■/□			
		L C R	SKB0-PYS ■/□f			
		L C R	SKB0-PYS ■/□fu			
		L C R	SKB0-PYS ■/□ffu			



Remarks: The contact have SKB0-1 (Snap Action contact), SKB0-2 (Slow Action contact), please specify when ordering, if no indicate will default to Snap Action contact.

SKB2 Series Push Button

Model Label

SK	B	2	—	1	2	/	3	4
Enterprise code	Push button	Design serial number						

1 The Auxiliary Model

Letter	Meaning	Letter	Meaning	Letter	Meaning
BA	Flat push button	BD	Short-handle turn button	BW3	Push button with light
BC	Ø40 Mushroom push button	BJ	Long-handle turn button	BV	Indicator lamp
BS5	Ø40 Emergency push button	BG	Key button	BW8	Double position push button with light

2 Contact Classification

Contact	1NO	1NC	2NO	2NC	1NO+1NC
Code	10	01	20	02	11

3 Color Classification

Color	Red	Green	Yellow	White	Blue	Black
Code	R ●	G ●	Y ●	W ○	B ●	K ●

4 Lamp Voltage

Voltage	6V	12V	24V	36V	48V	110V	127V	220V	220V	380V
Code	21	22	23	24	25	26	27	28	31	32
Power Supply	AC. DC								50-60Hz AC	

Main Technical Data

Rated insulation voltage Ui (V)		AC660V				
Rate thermal current Ith (A)		10				
Rated capacity	AC-15	220V/6A	380V/4A	660V/2A		
	DC-13	24V/6A	48V/3A	110V/1A	220V/0.5A	440V/0.25A

Contact Characteristic

contact action		Slow motion (NO/NC); NC contact for direct disconnection
Contact resistance		≤50mΩ
Mechanical life		Flat,mushroom head type 10×10^5, with light type 3×10^5, other types 10×10^4
Electrical life		Flat,mushroom,double head type AC 5×10^5, DC 2×10^5, other types 10×10^4
Short circuit protection		RT16-10A
Wiring capacity	Min	1×0.5mm (Screw press type terminal)
	Max	2×1.5mm or 1×2.5mm (With or without terminal piece)

Character

Standard	GB 14048.5-2008 IEC 60947-5-1
Environment temperature	–25℃~+55℃
Vibration resistance	< 500Hz，amplitude 1.0mm
Impact resistance	⩾10g
Protection grade	Ip40 (can be customized IP65)

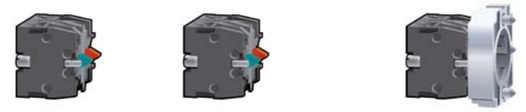
LED Specifications

LED type	Light emitting diode
Rated voltage	AC/DC 6V；AC/DC 12V；AC/DC 24V，36V， 48V；
	AC/DC 110V；AC/DC 220V；AC 380V
LED life	⩾50,000H
LED color	● ● ● ○ ●
Voltage limit	0.85Ue⩽U⩽1.1Ue

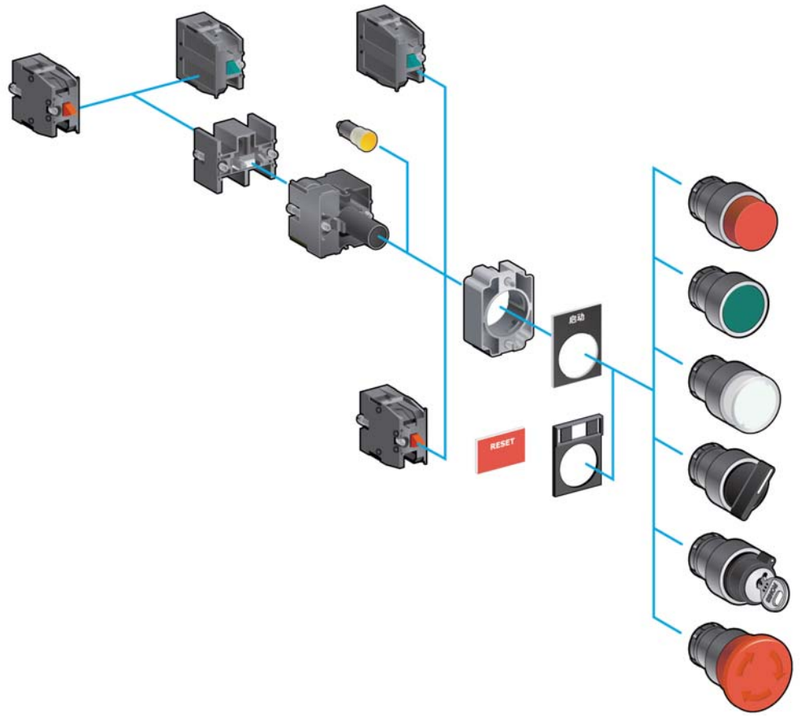
Components and accessories



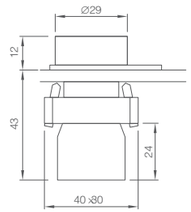
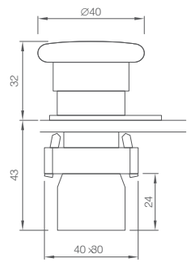
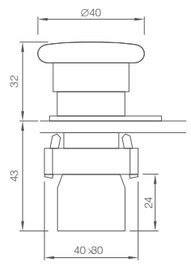
Contact base　　Push button head　　Push button



The auxiliary contact connection: contact can add up to 6 contact modules.

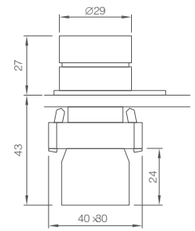
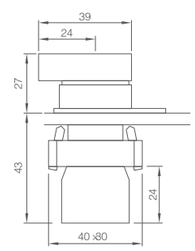
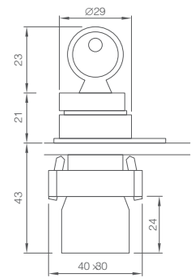


SKB2 Series Push Button

Product name	Model	Contact	Color	Overall dimensions
Flat push button 	SKB2-BA ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black	
Ø40 Mushroom push button 	SKB2-BC ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green K: Black	
Ø40 Emergency push button 	SKB2-BS5 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red	

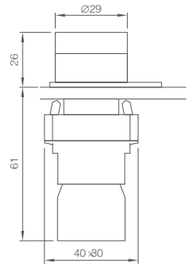
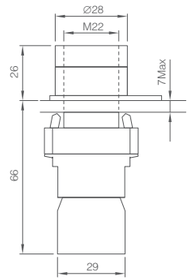
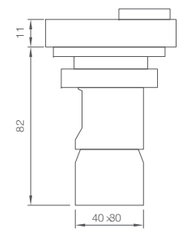
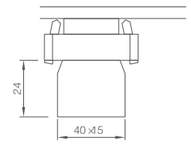
Remarks: if you have any other requests fill in behind the selection model.

SKB2 Series Push Button

Product name	Operating position		Model	Contact	Color	Overall dimensions
Short-handle turn button 	Two Position	L R	SKB2-BD2 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black	
		C R	SKB2-BD4 ■/●			
	Three Position	L C R	SKB2-BD3 ■/●			
		L C R	SKB2-BD5 ■/●			
Long-handle turn button 	Two Position	L R	SKB2-BJ2 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black	
		C R	SKB2-BJ4 ■/●			
	Three Position	L C R	SKB2-BJ3 ■/●			
		L C R	SKB2-BJ5 ■/●			
key button 	Two Position	L R	SKB2-BG2 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black	
		C R	SKB2-BG6 ■/●			
	Three Position	L C R	SKB2-BG3 ■/●			
		L C R	SKB2-BG5 ■/●			

Remarks: if you have any other requests fill in behind the selection model.

SKB2 Series Push Button

Product name	Model	Contact	Color	Light voltage	Overall dimensions
Push button with light 	SKB2-BW3 ■/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White ○ B: Blue	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V 32: AC380V	
Indicator light 	SKB2-BV ■/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White ○ B: Blue	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V 32: AC380V	
Double position push button with light 	SKB2-BW8 ■/□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R/G: Red/Green ●/● (push button color) W: white ○ (light color)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V 32: AC380V	
Contact 	SKB2-BE ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO	Please use the following color code replace the "●" in model R: Red G: Green		

Remarks: if you have any other requests fill in behind the selection model.

SKB4 Series Push Button

Model Label

SK B 4 — 1 2 / 3

Enterprise code | Push button | Design serial number

1 The Auxiliary Model

Letter	Meaning	Letter	Meaning	Letter	Meaning
BA	Flat push button	BD	Short-handle turn button	BS5	Ø40 Emergency push button
BL	High cap push button	BJ	Long-handle turn button	BL8	Double position push button
BP	Push button with waterproof	BG	Key button	BW8	Double position push button with light
BA	Flat push button with mark	BC	Ø40 Mushroom push button	BV	Indicator light
BW3	Push button with light				

2 Contact Classification

Contact	1NO	1NC	2NO	2NC	1NO+1NC
Code	10	01	20	02	11

3 Color Classification

Color	Red	Green	Yellow	White	Blue	Black
Code	R ●	G ●	Y ●	W ○	B ●	K ●

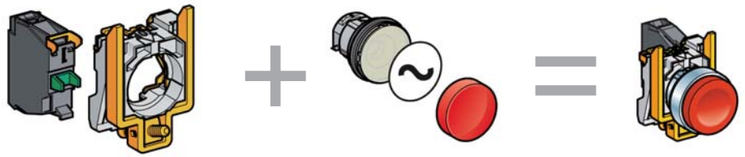
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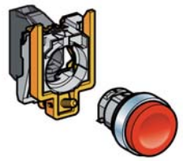
Rated insulation voltage Ui (V)		AC 660V				
Rate thermal current Ith (A)		10				
Rated operational voltage Ue (V)	AC-15	380	200	110	48	24
	DC-13	2.5	4.5	6	8	–
Rated operational current Ie (A)		–	0.3	0.6	1.3	2.5
Power frequency withstand voltage		AC 2500V 1min				
Contact resistance		⩽50mΩ(initial value)				
Mechanical life		Flat,mushroom head type 10×10^5 times, with light type 3×10^5 times, other types 10×10^4 times				
Electrical life		Flat,mushroom,double head type AC 5×10^5 times, DC 2×10^5 times, other types 10×10^4 times				
Protection grade		IP40				

Rated voltage (V)	Direct type							Resistance type	Transformer type	
Electric light source	6	12	24	48	110	220	380	220	220	380
LED	■	■	■	■	■	■	■	–	■	■
Neon light	–	–	–	–	■	■	■	■	–	–
Incandescent light	■	■	■	■	■	■	■	–	■	■

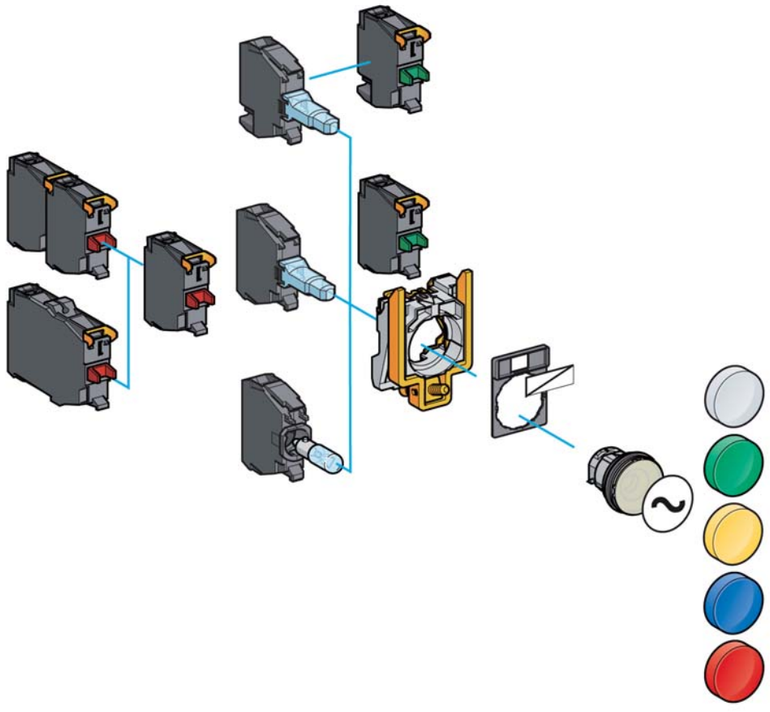
■ means have, – means Not have.

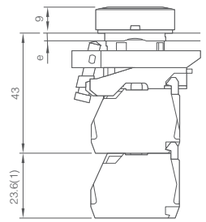
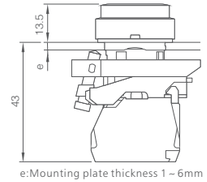
Components And Accessories



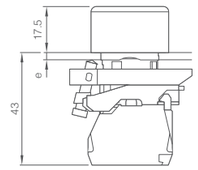
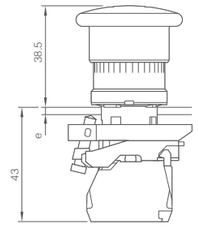
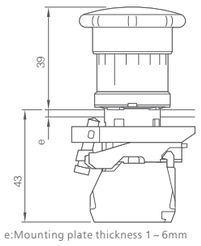
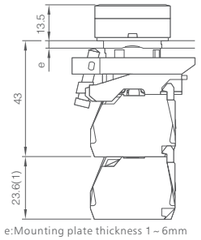


The auxiliary contact connection: contact can add up to 6 contact modules.

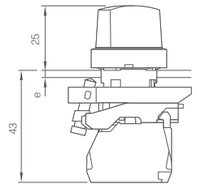
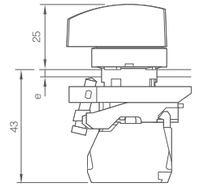
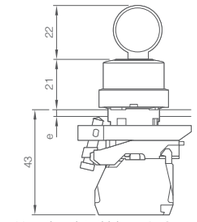
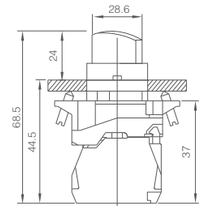


Product name	Working status	Model	Contact	Color	Overall dimensions
Flat push button 	Instantaneous	SKB4-BA ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black	 e:Mounting plate thickness 1～6mm
Flat push button with mark 	Instantaneous	SKB4-BA ■/●			
High cap push button 	Instantaneous	SKB4- BL■/● (Note design type)			 e:Mounting plate thickness 1～6mm
High cap push button with mark 	Instantaneous	SKB4-BL ■/● (Note design type)			

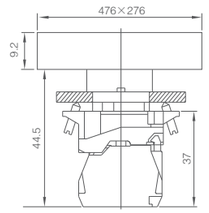
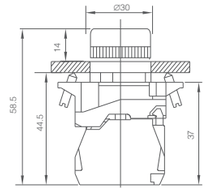
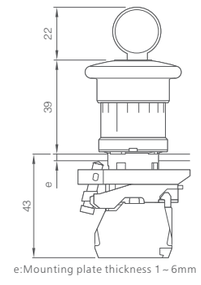
SKB4 Series Push Button

Product name	Working status	Model	Contact	Color	Overall dimensions
Flat push button with cover 	Instantaneous	SKB4-BP ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black	 e:Mounting plate thickness 1～6mm
Mushroom push button 	Instantaneous	SKB4- BC■/● (The head diameter40)	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow	 e:Mounting plate thickness 1～6mm
Emergency push button 	Push locking Clockwise Rotation reset	SKB4-BS54 ■/● (The head diameter40)	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red	 e:Mounting plate thickness 1～6mm
Push button with light 	Instantaneous	SKB4-BW36 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	 e:Mounting plate thickness 1～6mm

SKB4 Series Push Button

Product name	Operating position		Model	Contact	Color	Overall dimensions
Short-handle turn button 	Two Position	L R	SKB4-BD2 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black	 e:Mounting plate thickness 1～6mm
		C R	SKB4-BD4 ■/●			
	Three Position	L C R	SKB4-BD3 ■/●			
		L C R	SKB4-BD5 ■/●			
Long-handle turn button 	Two Position	L R	SKB4-BJ2 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black	 e:Mounting plate thickness 1～6mm
		C R	SKB4-BJ4 ■/●			
	Three Position	L C R	SKB4-BJ3 ■/●			
		L C R	SKB4-BJ5 ■/●			
Key button 	Two Position	L R	SKB4-BG2 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black	 e:Mounting plate thickness 1～6mm
		C R	SKB4-BG4 ■/●			
	Three Position	L C R	SKB4-BG3 ■/●			
		L C R	SKB4-BG5 ■/●			
Push button with light 	Two Position	L R	SKB4-BK2 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow	
		C R	SKB4-BK4 ■/●			
	Three Position	L C R	SKB4-BK3 ■/●			
		L C R	SKB4-BK5 ■/●			

SKB4 Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Double position push button 	Instantaneous	SKB4-BL836 ■	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R/G: Red/Green ●/● (push button color) W: white ○ (light color)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC.220V 32: AC.380V	
Double position push button with light 	Instantaneous	SKB4-BW836 ■/□				
Indicator light 		SKB4–BV6 /●□		Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC.220V 32: AC.380V	
Emergency push button with key 	Key to reset	SKB4-BS14 ■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●		 e:Mounting plate thickness 1～6mm

Remarks: With lamp push button light source are Super Bright – pure color LED.

LAY50-8/12 Series Push Button

Model Label

LAY50 — 1 A 2 — 3 4 / 5 6

Push button model

1 Push Button Installed Outside Diameter

Push Button Installed Outside Diameter	∅8 mm	∅12 mm
Code	8A	12A

2 The Auxiliary Model

Letter	Meaning	Letter	Meaning	Letter	Meaning
Y	Circular	F	Square	J	Rectangular

3 Contact Classification

Contact	1NO+1NC	2NO+2NC
Code	11	22

4 Operating Shape

Letter	Meaning	Letter	Meaning	Letter	Meaning
No code	Flat push button	D	with light	T	self-locking

5 Color Classification

Color	Red	Green	Yellow	White	Blue	Black
Code	R ●	G ●	Y ●	W ○	B ●	K ●

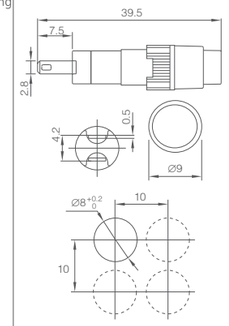
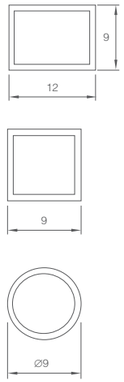
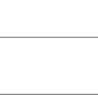
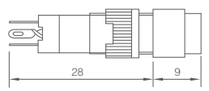
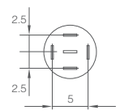
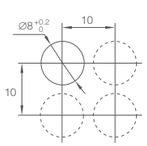
6 Lamp Voltage

Voltage	AC/DC 6V	AC/DC12V	AC/DC 24V	AC/DC 36V	AC/DC 48V
Code	21	22	23	24	25

Main Technical Data

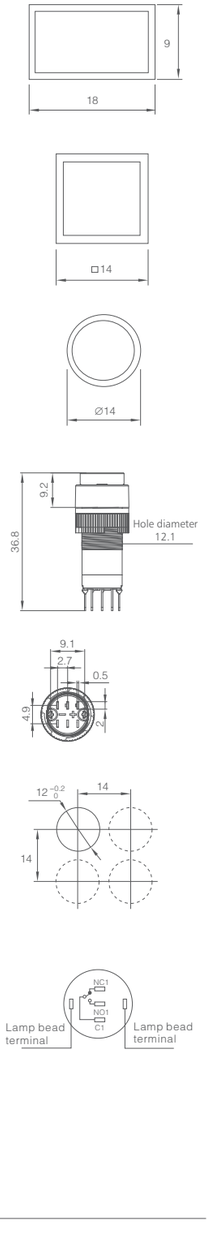
Operating temperature	–15℃～+55℃			
Operating humidity	45～85%RH(frostless)			
Contact resistance	≤50mΩ			
Insulated resistance	≥100MΩ			
Withstand Voltage	AC 1500V	Contact between the lamp bead terminals		
	AC 1000V	Between the same electrode terminals		
	AC 2000V	Between different electrode terminals		
Mechanical life	Reset 150000 times , self-locking 100000 times			
Electrical life	More than 100000 times			
Rated insulation voltage(Ui)	250V			
Rate thermal current (Ith)	5A			
Use classes	Rated operational voltage Ue(V)	24V	110V	220V
AC–15	Rated operational current Ie	2A	1A	0.5A
DC–13	Rated operational current Ie	0.7A	0.2A	0.1A

LAY50-8/12 Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Indicator light (Circular) 		LAY50–8AY–D/●□		Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC220V 28: DC.AC380V	
Push button (Circular) 	Instantaneous	LAY50–8AY–11/●	11	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
	Self-locking	LAY50–8AY–11T/●	11			
Push button with light (Circular) 	Instantaneous	LAY50–8AY–11D/●□	11			
	Self-locking	LAY50–8AY–11T/D●□	11			
Push button (Square) 	Instantaneous	LAY50–8AF–11/●	11	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
	Self-locking	LAY50–8AF–11T/●	11			
Push button with light (Square) 	Instantaneous	LAY50–8AF–11D/●□	11			
	Self-locking	LAY50–8AF–11TD/●□	11			
Push button (Rectangular) 	Instantaneous	LAY50–8AJ–11/●	11	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
	Self-locking	LAY50–8AJ–11T/●	11			
Push button with light (Rectangular) 	Instantaneous	LAY50–8AJ–11D/●□	11			
	Self-locking	LAY50–8AJ–11TD/●□	11			

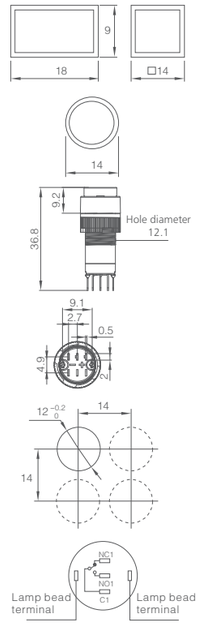
Remarks: With lamp push button light source are Super Bright – pure color LED.

LAY50-8/12 Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Indicator light (Circular) 		LAY50–12AY–D/●□		Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
Push button (Circular) 	Instantaneous	LAY50–12AY–11/●	11			
		LAY50–12AY–22/●	22			
	Self-locking	LAY50–12AY–11T/●	11			
		LAY50–12AY–22T/●	22			
Push button with light (Circular) 	Instantaneous	LAY50–12AY–11D/●□	11			
		LAY50–12AY–22D/●□	22			
	Self-locking	LAY50–12AY–11TD/●□	11			
		LAY50–12AY–22TD/●□	22			
Indicator light (Square) 		LAY50–12AF–D/●□		Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
Push button (Square) 	Instantaneous	LAY50–12AF–11/●	11			
		LAY50–12AF–22/●	22			
	Self-locking	LAY50–12AF–11T/●	11			
		LAY50–12AF–22T/●	22			
Push button with light (Square) 	Instantaneous	LAY50–12AF–11D/●□	11			
		LAY50–12AF–22D/●□	22			
	Self-locking	LAY50–12AF–11TD/●□	11			
		LAY50–12AF–22TD/●□	22			

Remarks: With lamp push button light source are Super Bright – pure color LED.

LAY50-8/12 Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Indicator light (Rectangular) 		LAY50–12AJ–D/●□		Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
Push button (Rectangular) 	Instantaneous	LAY50–12AJ–11/●	11			
		LAY50–12AJ–22/●	22			
	Self-locking	LAY50–12AJ–11T/●	11			
		LAY50–12AJ–22T/●	22			
Push button with light (Rectangular) 	Instantaneous	LAY50–12AJ–11D/●□	11			
		LAY50–12AJ–22D/●□	22			
	Self-locking	LAY50–12AJ–11TD/●□	11			
		LAY50–12AJ–22TD/●□	22			

Remarks: With lamp push button light source are Super Bright – pure color LED.

LAY50-16 Series Push Button

Model Label

LAY50 — 16A [1] — [2] [3] / [4] [5]

Push button model

Push button installed outside diameter ∅16 mm

[1] The Auxiliary Model

Letter	Meaning	Letter	Meaning	Letter	Meaning
Y	Circular	J	Rectangular	DF	Big square
F	Square	DJ	Big rectangular	M	Mushroom push button

[2] Contact classification

Contact	1NO+1NC	2NO+2NC
Code	11	22

[3] Operating Shape

Letter	Meaning	Letter	Meaning	Letter	Meaning
No code	flat push button	B	buzzer	T	self-locking push button
D	with light	Y	two position key button	Z	Emergency push button
X	two position turn button	YS	three position key button	S	Mark push button
XS	three position turn button				

[4] Color classification

Color	Red	Green	Yellow	White	Blue	Black
Code	R ●	G ●	Y ●	W ○	B ●	K ●

[5] Lamp voltage

Voltage	AC/DC 6V	AC/DC12V	AC/DC 24V	AC/DC 48V	AC/DC 110V	AC/DC 220V
Code	21	22	23	25	26	28

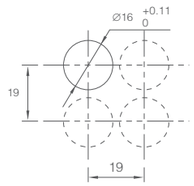
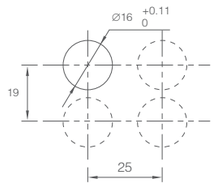
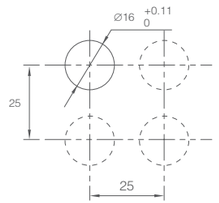
Main Technical Data

Operating temperature		–25℃ ~ +55℃
Operating humidity		45 ~ 85%RH
Contact resistance		≤50mΩ
Insulated resistance		≥100MΩ
Power frequency withstand voltage		2000V AC
Mechanical life		common push button 10×10^5 turn button 10×10^4 emergency push button 5×10^4
Electrical life	AC-15	above 10×104 times(1200times/h)
	DC-13	above 5×104 times(1200times/h)
Head protection grade		IP40 ("TH" logo can work normally under humid environment)
Operation range		1.5 ~ 2.0mm

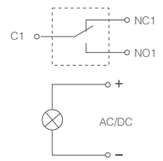
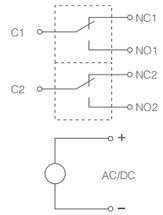
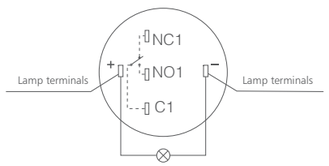
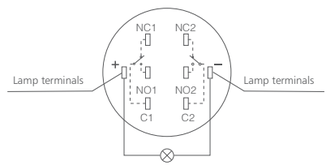
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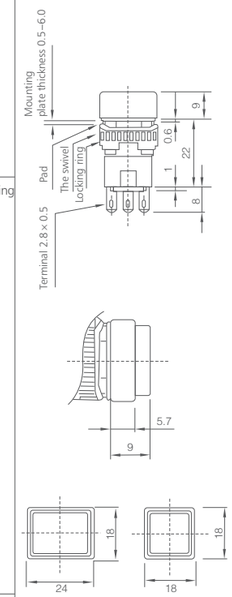
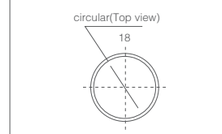
Rated insulation voltageUi	250V			
Rate thermal current Ith	5A			
Use classes	Rated operational voltage Ue	24V	110V	220V
AC-15	Rated operational current Ie	2A	1A	0.5A
DC-13	Rated operational current Ie	0.7A	0.2A	0.1A

Installation Hole Size

Circular/ Square head	Rectangular head	Mushroom head
		

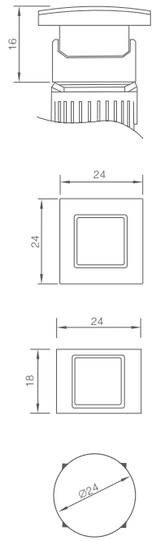
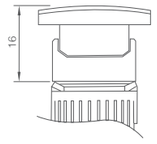
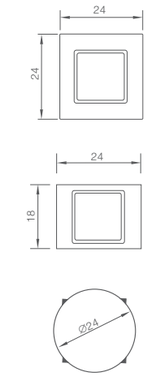
Contact Forms And Wiring Diagram

1NO+1NC	2NO+2NC
	
Wiring diagram	Wiring diagram
	

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Push button (Circular) 	Instantaneous	LAY50–16AY–11/●	11	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
		LAY50–16AY–22/●	22			
	Self-locking	LAY50–16AY–11T/●	11			
		LAY50–16AY–22T/●	22			
Push button with light (Circular) 	Instantaneous	LAY50–16AY–11D/●□	11			
		LAY50–16AY–22D/●/□	22			
	Self-locking	LAY50–16AY–11TD/●□	11			
		LAY50–16AY–22TD/●□	22			
Push button (Square) 	Instantaneous	LAY50–16AF–11/●	11	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
		LAY50–16AF–22/●	22			
	Self-locking	LAY50–16AF–11T/●	11			
		LAY50–16AF–22T/●	22			
Push button with light (Square) 	Instantaneous	LAY50–16AF–11D/●□	11			
		LAY50–16AF–22D/●□	22			
	Self-locking	LAY50–16AF–11TD/●□	11			
		LAY50–16AF–22TD/●□	22			
Push button (Rectangular) 	Instantaneous	LAY50–16AJ–11/●	11	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
		LAY50–16AJ–22/●	22			
	Self-locking	LAY50–16AJ–11T/●	11			
		LAY50–16AJ–22T/●	22			
Push button with light (Rectangular) 	Instantaneous	LAY50–16AJ–11D/●□	11			
		LAY50–16AJ–22D/●□	22			
	Self-locking	LAY50–16AJ–11TD/●□	11			
		LAY50–16AJ–22TD/●□	22			

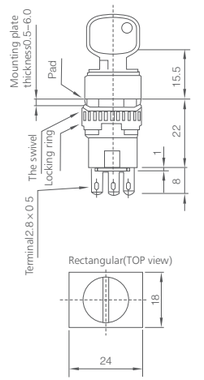
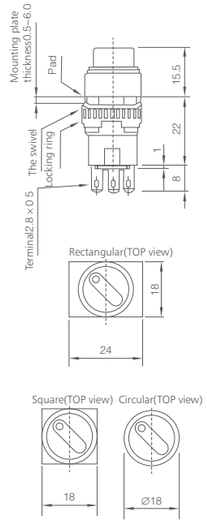
Remarks: With lamp push button light source are Super Bright – pure color LED.

LAY50-16 Series Push Button

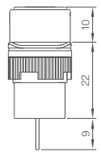
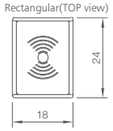
Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Push button (Big square) 	Instantaneous	LAY50–16ADF–11/●	11	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ● (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
		LAY50–16ADF–22/●	22			
	Self-locking	LAY50–16ADF–11T/●	11			
		LAY50–16ADF–22T/●	22			
Push button with light (Big square) 	Instantaneous	LAY50–16ADF–11D/●□	11			
		LAY50–16ADF–22D/●□	22			
	Self-locking	LAY50–16ADF–11TD/●□	11			
		LAY50–16ADF–22TD/●□	22			
Push button (Big rectangular) 	Instantaneous	LAY50–16ADJ–11/●	11	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ● (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
		LAY50–16ADJ–22/●	22			
	Self-locking	LAY50–16ADJ–11T/●	11			
		LAY50–16ADJ–22T/●	22			
Push button with light (Big rectangular) 	Instantaneous	LAY50–16ADJ–11D/●□	11			
		LAY50–16ADJ–22D/●□	22			
	Self-locking	LAY50–16ADJ–11TD/●□	11			
		LAY50–16ADJ–22TD/●□	22			
Push button (Mushroom) 	Instantaneous	LAY50–16AM–11/●	11	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ● (With lamp without black)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
		LAY50–16AM–22/●	22			
	Self-locking	LAY50–16AM–11T/●	11			
		LAY50–16AM–22T/●	22			
Push button with light (Mushroom) 	Instantaneous	LAY50–16AM–11D/●□	11			
		LAY50–16AM–22D/●□	22			
	Self-locking	LAY50–16AM–11TD/●□	11			
		LAY50–16AM–22TD/●□	22			

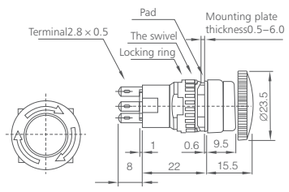
Remarks: With lamp push button light source are Super Bright – pure color LED.

LAY50-16 Series Push Button

Product name	Operating position		Model	Contact	Color	Light voltage	Overall dimensions
Key button (Circular) 	Two Position	L R 90°	LAY50–16AY–11Y/□	11	Please use the following color code replace the "●" in model R: Red ● G: Green ● K: Black ●	Please use the following key pull out position code replace the "□" in model two position L: Left R: Right three position L: Left C:Center R: Right	
			LAY50–16AY–22Y/□	22			
	Three Position	L C R 45° 45°	LAY50–16AY–22YS/□	22			
Key button (Square) 	Two Position	L R 90°	LAY50–16AF–11Y/□	11			
			LAY50–16AF–22Y/□	22			
	Three Position	L C R 45° 45°	LAY50–16AF–22YS/□	22			
Key button (Rectangular) 	Two Position	L R 90°	LAY50–16AJ–11Y/□	11			
			LAY50–16AJ–22Y/□	22			
	Three Position	L C R 45° 45°	LAY50–16AJ–22YS/□	22			
Turn button (Circular) 	Two Position	L R 90°	LAY50–16AY–11X/●	11	Please use the following color code replace the "●" in model R: Red ● G: Green ● K: Black ●		
			LAY50–16AY–22X/●	22			
	Three Position	L C R 45° 45°	LAY50–16AY–22XS/●	22			
Turn button (Square) 	Two Position	L R 90°	LAY50–16AF–11X/●	11			
			LAY50–16AF–22X/●	22			
	Three Position	L C R 45° 45°	LAY50–16AY–22XS/●	22			
Turn button (Rectangular) 	Two Position	L R 90°	LAY50–16AJ–11X/●	11			
			LAY50–16AJ–22X/●	22			
	Three Position	L C R 45° 45°	LAY50–16AJ–22XS/●	22			

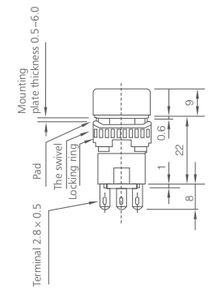
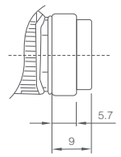
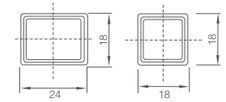
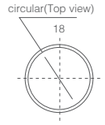
LAY50-16 Series Push Button

Product name	Working status	Model	Method of Calling	Sound pressure & frequency	Color	Light voltage	Overall dimensions
Buzzer (Circular) 	Broken	LAY50–16AY–B/●□	A(Boken) B(Continuant)	Under the rated voltage 75db(10cm) 2300Hz ±400Hz	Please use the following color code replace the "●" in model K: Black ●	Please use the following voltage code replace the "□" in model AC.DC:6V-48V AC.110V-220V	
	Continuant	LAY50–16AY–BS/●□					
Buzzer (Square) 	Broken	LAY50–16AF–B/●□	A(Boken) B(Continuant)	Under the rated voltage 75db(10cm) 2300Hz ±400Hz	Please use the following color code replace the "●" in model K: Black ●	Please use the following voltage code replace the "□" in model AC.DC:6V-48V AC.110V-220V	Square(TOP view) 
	Continuant	LAY50–16AF–BS/●□					Circular(TOP view) 
Buzzer (Rectangular) 	Broken	LAY50–16AJ–B/●□	A(Boken) B(Continuant)	Under the rated voltage 75db(10cm) 2300Hz ±400Hz	Please use the following color code replace the "●" in model K: Black ●	Please use the following voltage code replace the "□" in model AC.DC:6V-48V AC.110V-220V	Rectangular(TOP view) 
	Continuant	LAY50–16AJ–BS/●□					

Product name	Working status	Model	Contact	Color	Overall dimensions
Emergency push button 	Push Locking Clockwise Rotation Reset	LAY50–16AY–11Z/●	11	Please use the following color code replace the "●" in model R: Red ●	
		LAY50–16AY–22Z/●	22		

Remarks: With lamp push button light source are Super Bright – pure color LED.

LAY50-16 Series Push Button

Product name	Model	Color	Light voltage	Overall dimensions
Indicator light (Circular) 	LAY50–16AY–D/●□	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
Indicator light (Square) 	LAY50–16AF–D/●□	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	
Indicator light (Rectangular) 	LAY50–16AJ–D/●□	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 28: AC.DC220V	 circular(Top view) 

Remarks: With lamp push button light source are Super Bright – pure color LED.

Model Label

LAY50 — □ — 1 2 / 3 4 5

Push button model

According to the different head and connection configure divided into 22A,22B,22C,22D,30B

1 Contact Classification

Contact	1NO	1NC	2NO	2NC	1NO+1NC
Code	10	01	20	02	11

2 The Auxiliary Model

Letter	Meaning
	Flat push button
D	Push button with light
T	Self-locking button
M	Mushroom push button
MT	Mushroom push button (self-locking)

Letter	Meaning
Z	Emergency push button
ZY	Emergency push Button with key reset
Y	Two position key button
YS	Three position key button
H	High cap push button

Letter	Meaning
X	Short handle two Position turn button
XS	Short handle three Position turn button
CX	Long handle two Position turn button
CXS	Long handle three Position turn button

3 Color Classification

Color	Red	Green	Yellow	White	Blue	Black
Code	R ●	G ●	Y ●	W ○	B ●	K ●

4 Lamp Voltage

Voltage	6V	12V	24V	36V	48V	110V	127V	220V	220V	380V
Code	21	22	23	24	25	26	27	28	31	32
Power Supply	AC. DC								50-60Hz AC	

5 The Key Button Action Function And Key Pull Out Position

Action function	Left reset	Right reset	Left and right reset
Code	f	fu	ffu

Key pull out position	Left pull out	Middle pull out	Right pull out
Code	a	ao	au

Main Technical Data

Rated capacity	Fast moving type	AC-15 220V/2.5A 380V/1.5A 660V/0.8A
		DC-13 24V/3.6A 48V/3A 110V/1A 220V/0.4A 440V/0.25A
	Slow moving type	AC-15 220V/6A 380V/4A 660V/2A
		DC-13 24V/6A 48V/3A 110V/1A 220V/0.5A 440V/0.25A
Contact resistance		≤50mΩ
Maximum insulation voltage		AC 2500V 50Hz•1min
Mechanical life		flat push button≥3×10^6turn button≥3×10^4key button≥5×10^4emergency button≥5×10^4
Electrical life		≥60×10^4
Rated thermal current(Ith)		Ith 10A
Rated insulation voltage(Ui)		Ui AC 660V
Environment temperature		-25℃ ~ +55℃
Front protection degree		By default, IP54 for IP65, after the model when ordering, please refill "- IP65";Key button for IP40, flat round button can match F6 become IP67 (30 except flat button and AC3 flat button)

Installation Instructions

1 Insert the head from the front of panel mounting holes, screwing the connection from the back of panel, uniform and tighten the screw on both ends (maximum torque n - 25 cm), if the panel is plastic and other non-metallic materials,can using pad at the back of the panel mounting plate (see attachment F9) before installation.

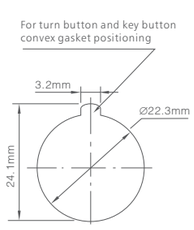
- Z1 connection button, switch element which can be installed along with the connection.
- Z2 connection button, should first discharge switch element, then install.
- Z3 connection button, should first discharge switch element, insert the connection in the head, and clockwise in the connectiont, put the seat of the nut and tighten.

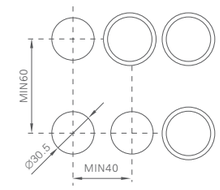
(Note: after installation found card lag phenomenon, should adjust the two set screws, keep the consistence is consistent, can be removed)

2 Switch element can be buckled directly, the symbol of the head piece can be directly installation in the head (generally in the factory has installed). If installed with lamp button, first install the lamp element, then buckle on switching element.
(Note: after the installation, should check the switch element of buckles are clipped in.)

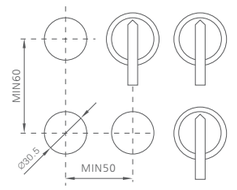
3 Demolition of switch element or lamp element: use a screwdriver to lift lock fastener installation system, can be arbitrarily easy disassembly the element which is installation.
(note: when install the turn button,the small white spots of short handle,cusp of long handle pointing up.)

Hole Size

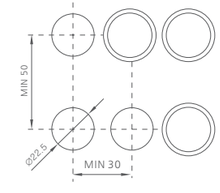




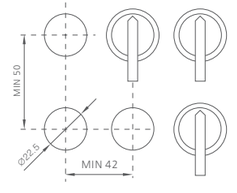
AC3 type common push button,
push button with light,
key button and turn button



AC3 type mushroom push button
and long-handle turn button



Other type common push button,
push button with light,
key button and turn button



Other type mushroom push button
and long-handle turn button

Contact Print Label

Contact connection to the digital said by double digits:

- 1 in ten's place means the first pair of contacts on the first switching element ,2 in ten's place means the second pair of contacts on the first switching element
- 1 or 2 in units' digit means two terminals of the normally closed contact, 3 or 4 in units' digit means two terminals of the normally open contact

Contact state of switching element					
Contact code	01	10	02	20	11
Contact name	1NC	1NO	2NC	2NO	1NC1NO
State					

Slow actoni contact is a new products of our factory ,relative to the Snap action contact can withstand larger electric current.

Characteristic

LAY50-(AA1 AB1 AC1)：

Clean-cut appearance, graceful. Adopt bevel type screw fixed installation, inheritance Switzerland EAO design style, accord with rigorous, solid and reliable engineering design concept of Europe and USA.

LAY50-(AA2 AB2 AC2)：

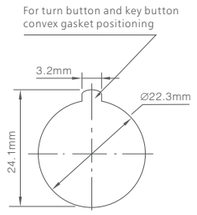
Distinct appearance, produced by high strength PBT plastic,combined with vertical screw fixation.Both inherited AA1, AB1, AC1 sedate strong characteristics and consider the manufacturing cost, is contracted form of AA1, AB1,AC1, users have a variety of economic choice plan.

LAY50-(AA3 AB3 AC3)：

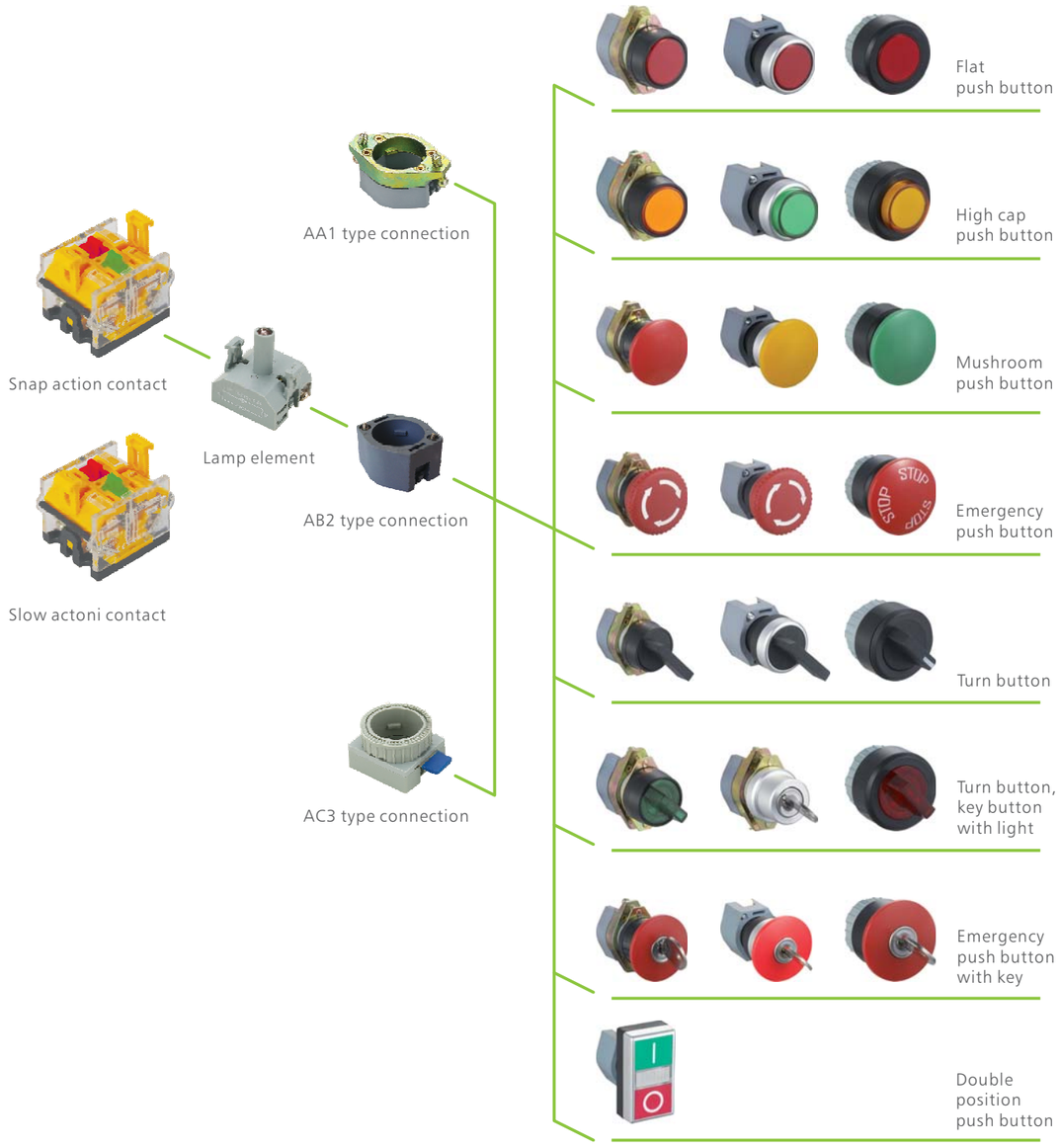
Adopts nut fastening method, simple and concise, reduce the difficulty of installation, reduce user work intensity. Affected by the ambient temperature will reduce the safety and reliability, it is suggest not using this kind of installation mode when with rotating working status such as turn button and key button.

It cannot use turn button when choosing AC3 type.Choose AA3, AB3 turn button need add retainer ring.

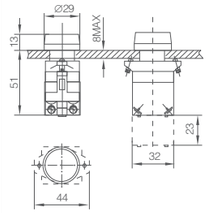
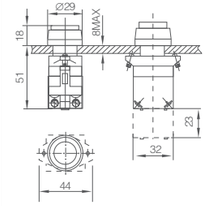
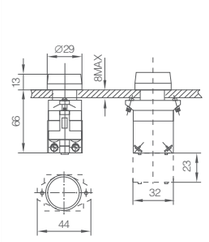
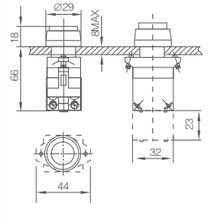
shape as pictured. Open hole shape as pictured



The Installation Structure

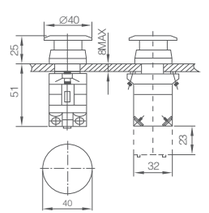
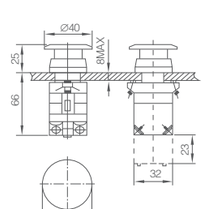
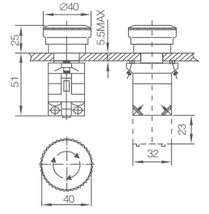
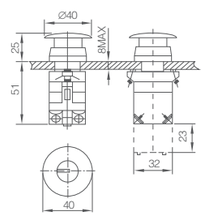


LAY50-22A Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button 	Instantaneous	LAY50–AA1–■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black		
	Self-locking	LAY50–AA1–■T/●				
High cap push button 	Instantaneous	LAY50–AA1–■/●H	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black		
	Self-locking	LAY50–AA1–■T/●H				
Flat push button with light 	Instantaneous	LAY50–AA1–■D/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AA1–■TD/●□				
High cap push button with light 	Instantaneous	LAY50–AA1–■D/●□–H	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AA1–■TD/●□–H				

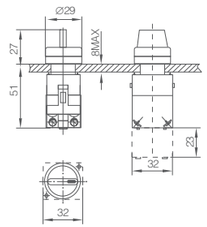
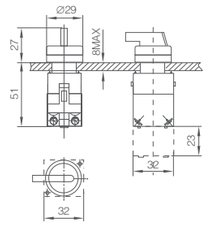
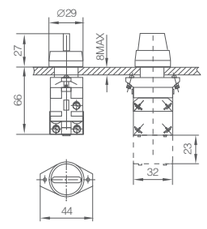
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z2, Z3, can change the type of A1 to A2 or A3, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

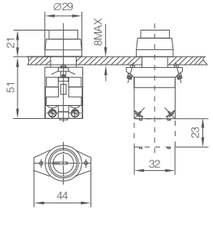
LAY50-22A Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Mushroom push button 	Instantaneous	LAY50–AA1–■M/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow		
	Self-locking	LAY50–AA1–■MT/●				
Mushroom push button with light 	Instantaneous	LAY50–AA1–■MD/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AA1–■MTD/●□				
Emergency push button 	Press the Lock, Chronological Converting A reset	LAY50–AA1–■Z/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red		
Emergency push button with key 	Press the Lock, Key Chronological Converting A reset	LAY50–AA1–■ZY/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red		

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z2, Z3, can change the type of A1 to A2 or A3, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

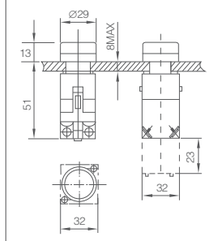
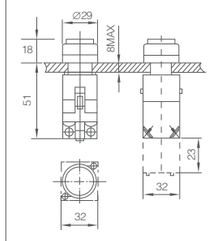
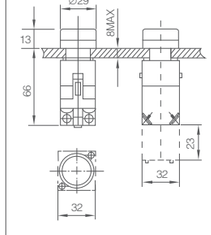
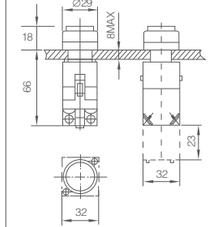
LAY50-22A Series Push Button

Product name	Operating position		Model	Contact	Color	Light voltage	Overall dimensions
Short handle turn button 	Two position	L R	LAY50–AA1–■X/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●		
		C R	LAY50–AA1–■X/●fu				
	Three position	L C R	LAY50–AA1–■XS /●				
		L C R	LAY50–AA1–■XS/●ffu				
		L C R	LAY50–AA1–■XS/●f				
		L C R	LAY50–AA1–■XS/●fu				
Long handle turn button 	Two position	L R	LAY50–AA1–■CX/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●		
		C R	LAY50–AA1–■CX/●fu				
	Three position	L C R	LAY50–AA1–■CXS/●				
		L C R	LAY50–AA1–■CXS/●ffu				
		L C R	LAY50–AA1–■CXS/●f				
		L C R	LAY50–AA1–■CXS/●fu				
Turn button with light 	Two position	L R	LAY50–AA1–■XD/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
		C R	LAY50–AA1–■XD/●fu□				
	Three position	L C R	LAY50–AA1–■XDS/●□				
		L C R	LAY50–AA1–■XDS/●ffu□				
		L C R	LAY50–AA1–■XDS/●f□				
		L C R	LAY50–AA1–■XDS/●fu□				

Product name	Operating position		Model	Contact	Key pull out position	Overall dimensions
Key button 	Two position	L R	LAY50–AA1–■Y/□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following key pull out position code replace the "□" in model a: left pull out ao: middle pull out au: right pull out Note: Since the key to reset button pull out the key position Not for the reset action position	
		C R	LAY50–AA1–■Y/fu□			
	Three position	L C R	LAY50–AA1–■YS/□			
		L C R	LAY50–AA1–■YS/ffu□			
		L C R	LAY50–AA1–■YS/f□			
		L C R	LAY50–AA1–■YS/fu□			

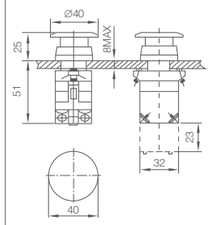
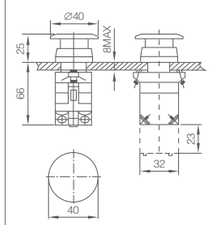
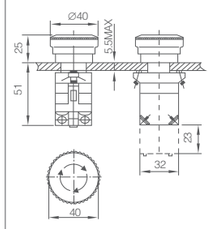
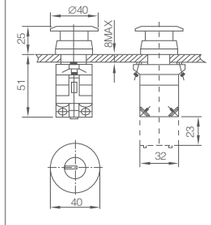
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z2, Z3, can change the type of A1 to A2 or A3, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

LAY50-22A Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button 	Instantaneous	LAY50–AB2–■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ●		
	Self-locking	LAY50–AB2–■T/●				
High cap push button 	Instantaneous	LAY50–AB2–■/●H	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ●		
	Self-locking	LAY50–AB2–■T/●H				
Flat push button with light 	Instantaneous	LAY50–AB2–■D/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AB2–■TD/●□				
High cap push button with light 	Instantaneous	LAY50–AB2–■D/●□–H	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AB2–■TD/●□–H				

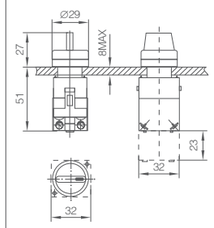
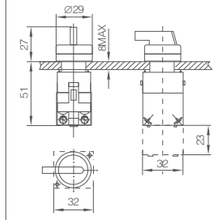
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z1, Z3, can change the type of B2 to B1 or B3, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

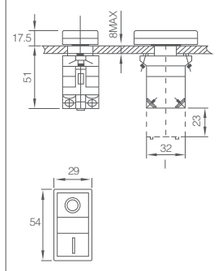
LAY50-22A Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Mushroom push button 	Instantaneous	LAY50–AB2–■M/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●		
	Self-locking	LAY50–AB2–■MT/●				
Mushroom push button with light 	Instantaneous	LAY50–AB2–■MD/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AB2–■MTD/●□				
Emergency push button 	Press the lock, Chronological converting a reset	LAY50–AB2–■Z/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ●		
Emergency push button with key 	Press the lock, Key chronological Converting a reset	LAY50–AB2–■ZY/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ●		

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z1, Z3, can change the type of B2 to B1 or B3, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

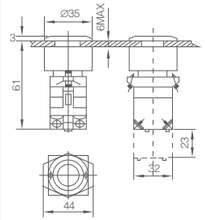
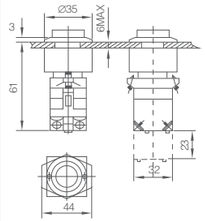
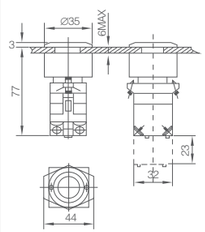
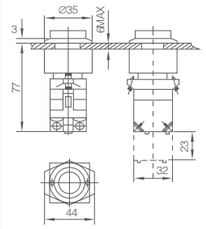
LAY50-22A Series Push Button

Product name	Operating position		Model	Contact	Color	Overall dimensions
Short handle turn button 	Two position	L R	LAY50–AB2–■X/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●	
		C R	LAY50–AB2–■X/●fu			
	Three position	L C R	LAY50–AB2–■XS/●			
		L C R	LAY50–AB2–■XS/●ffu			
		L C R	LAY50–AB2–■XS/●f			
		L C R	LAY50–AB2–■XS/●fu			
Long handle turn button 	Two position	L R	LAY50–AB2–■CX/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●	
		C R	LAY50–AB2–■CX/●fu			
	Three position	L C R	LAY50–AB2–■CXS/●			
		L C R	LAY50–AB2–■CXS/●ffu			
		L C R	LAY50–AB2–■CXS/●f			
		L C R	LAY50–AB2–■CXS/●fu			

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Double position push button 	Instantaneous	LAY50–AB2–■R	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R/G: Red/Green ●/● (push button color) W: white ○ (light color)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
Double position push button with light 	Instantaneous	LAY50–AB2–■RD/□				

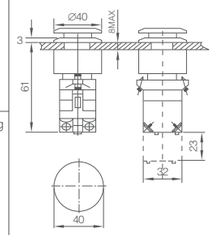
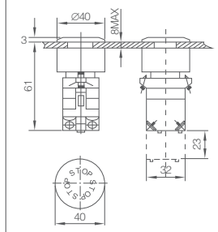
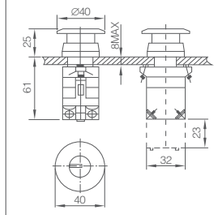
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z1, Z3, can change the type of B2 to B1 or B3, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

LAY50-22A Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button 	Instantaneous	LAY50–AC3–■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black		
	Self-locking	LAY50–AC3–■T/●				
High cap push button 	Instantaneous	LAY50–AC3–■/●H	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black		
	Self-locking	LAY50–AC3–■T/●H				
Flat push button with light 	Instantaneous	LAY50–AC3–■D/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AC3–■TD/●□				
High cap push button with light 	Instantaneous	LAY50–AC3–■D/●□–H	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AC3–■TD/●□–H				

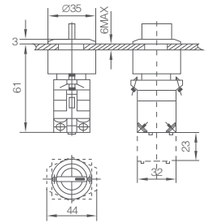
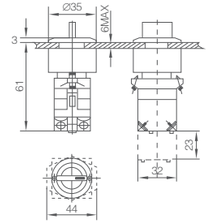
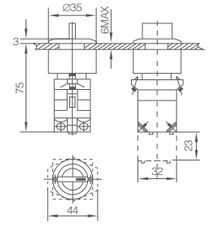
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z1, Z2, can change the type of C3 to C1 or C2, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

LAY50-22A Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Mushroom push button 	Instantaneous	LAY50–AC3–■M/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow		
	Self-locking	LAY50–AC3–■MT/●				
Mushroom push button with light 	Instantaneous	LAY50–AC3–■MD/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–AC3–■MTD/●□				
Emergency push button 	Press the Lock, Chronological Converting A reset	LAY50–AC3–■Z/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red		
Emergency push button with key 	Press the Lock, Key Chronological Converting A reset	LAY50–AC3–■ZY/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red		

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. When placing order, if you need a Z1, Z2, can change the type of C3 to C1 or C2, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.
3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

LAY50-22A Series Push Button

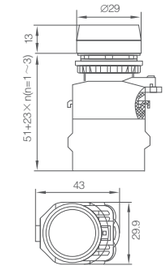
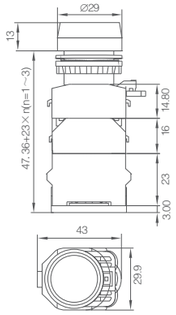
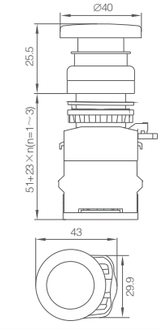
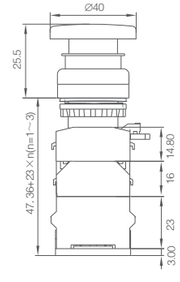
Product name	Operating position		Model	Contact	Color	Light voltage	Overall dimensions
Short handle turn button 	Two position	L R	LAY50–AC3–■X/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●		
		C R	LAY50–AC3–■X/●fu				
	Three position	L C R	LAY50–AC3–■XS/●				
		L C R	LAY50–AC3–■XS/●ffu				
		L C R	LAY50–AC3–■XS/●f				
		L C R	LAY50–AC3–■XS/●fu				
Long handle turn button 	Two position	L R	LAY50–AC3–■CX/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●		
		C R	LAY50–AC3–■CX/●fu				
	Three position	L C R	LAY50–AC3–■CXS/●				
		L C R	LAY50–AC3–■CXS/●ffu				
		L C R	LAY50–AC3–■CXS/●f				
		L C R	LAY50–AC3–■CXS/●fu				
Turn button with light 	Two position	L R	LAY50–AC3–■XD/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
		C R	LAY50–AC3–■XD/●fu□				
	Three position	L C R	LAY50–AC3–■XDS/●□				
		L C R	LAY50–AC3–■XDS/●fu□				
		L C R	LAY50–AC3–■XDS/●f□				
		L C R	LAY50–AC3–■XDS/●fu□				

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.

2. When placing order, if you need a Z1, Z2, can change the type of C3to C1 or C2, when choosing the Z3 seat mounting plate thickness requirements change is big, should be paid attention to.

3. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

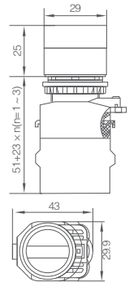
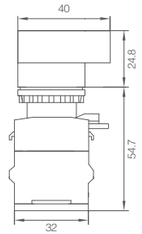
LAY50-22B Series Push Button

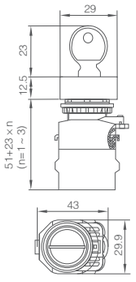
Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button 	Instantaneous	LAY50–22B–■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ●		
	Self-locking	LAY50–22B–■T/●				
Flat push button with light 	Instantaneous	LAY50–22B–■D/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–22B–■TD/●□				
Mushroom push button 	Instantaneous	LAY50–22B–■M/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●		
	Self-locking	LAY50–22B–■MT/●				
Mushroom push button with light 	Instantaneous	LAY50–22B–■MD/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–22B–■MTD/●□				

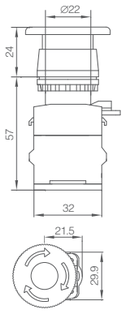
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.

2. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

LAY50-22B Series Push Button

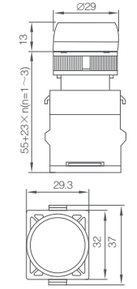
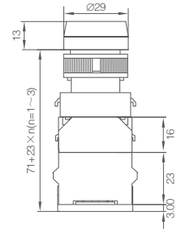
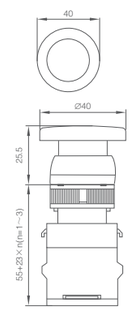
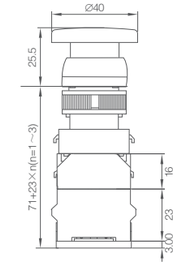
Product name	Operating position		Model	Contact	Color	Overall dimensions
Short handle turn button 	Two position	L R	LAY50–22B–■X/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●	
		C R	LAY50–22B–■X/●fu			
	Three position	L C R	LAY50–22B–■XS/●			
		L C R	LAY50–22B–■XS/●ffu			
		L C R	LAY50–22B–■XS/●f			
		L C R	LAY50–22B–■XS/●fu			
Long handle turn button 	Two position	L R	LAY50–22B–■CX/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●	
		C R	LAY50–22B–■CX/●fu			
	Three position	L C R	LAY50–22B–■CXS/●			
		L C R	LAY50–22B–■CXS/●ffu			
		L C R	LAY50–22B–■CXS/●f			
		L C R	LAY50–22B–■CXS/●fu			

Product name	Operating position		Model	Contact	Key pull out position	Overall dimensions
Key button 	Two position	L R	LAY50–22B–■Y/□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following key pull out position code replace the "□" in model a: left pull out ao: middle pull out au: right pull out Note: Since the key to reset button pull out the key position Not for the reset action position	
		C R	LAY50–22B–■Y/fu□			
	Three position	L C R	LAY50–22B–■YS/□			
		L C R	LAY50–22B–■YS/ffu□			
		L C R	LAY50–22B–■YS/f□			
		L C R	LAY50–22B–■YS/fu□			

Product name	Working status	Model	Contact	Color	Overall dimensions
Emergency push button 	Press the lock, Chronological converting a reset	LAY50–22B–■Z/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ●	

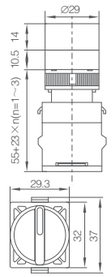
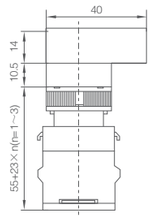
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

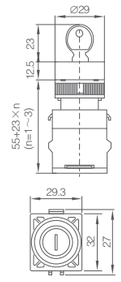
LAY50-22C Series Push Button

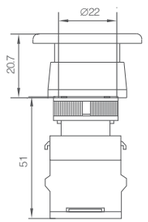
Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button 	Instantaneous	LAY50–22C–■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ●		
	Self-locking	LAY50–22C–■T/●				
Flat push button with light 	Instantaneous	LAY50–22C–■D/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–22C–■TD/●□				
Mushroom push button 	Instantaneous	LAY50–22C–■M/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●		
	Self-locking	LAY50–22C–■MT/●				
Mushroom push button with light 	Instantaneous	LAY50–22C–■MD/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–22C–■MTD/●□				

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

LAY50-22C Series Push Button

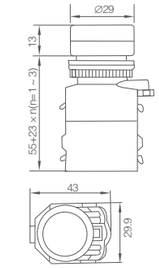
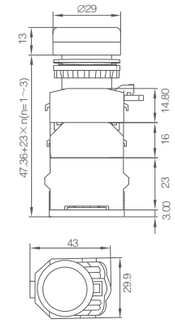
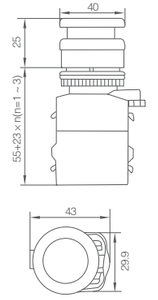
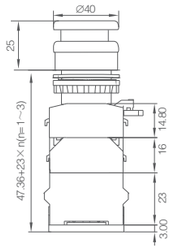
Product name	Operating position		Model	Contact	Color	Overall dimensions
Short handle turn button 	Two position	L R	LAY50–22C–■X/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●	
		C R	LAY50–22C–■X/●fu			
	Three position	L C R	LAY50–22C–■XS/●			
		L C R	LAY50–22C–■XS/●ffu			
		L C R	LAY50–22C–■XS/●f			
		L C R	LAY50–22C–■XS/●fu			
Long handle turn button 	Two position	L R	LAY50–22C–■CX/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●	
		C R	LAY50–22C–■CX/●fu			
	Three position	L C R	LAY50–22C–■CXS/●			
		L C R	LAY50–22C–■CXS/●ffu			
		L C R	LAY50–22C–■CXS/●f			
		L C R	LAY50–22C–■CXS/●fu			

Product name	Operating position		Model	Contact	Key pull out position	Overall dimensions
Key button 	Two position	L R	LAY50–22C–■Y/□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following key pull out position code replace the "□" in model a: left pull out ao: middle pull out au: right pull out Note: Since the key to reset button pull out the key position Not for the reset action position	
		C R	LAY50–22C–■Y/fu□			
	Three position	L C R	LAY50–22C–■YS/□			
		L C R	LAY50–22C–■YS/ffu□			
		L C R	LAY50–22C–■YS/f□			
		L C R	LAY50–22C–■YS/fu□			

Product name	Working status	Model	Contact	Color	Overall dimensions
Emergency push button 	Press the lock, Chronological converting a reset	LAY50–22C–■Z/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ●	

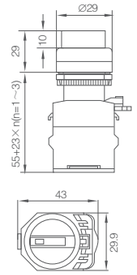
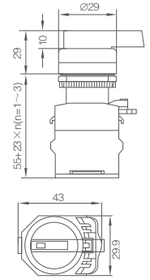
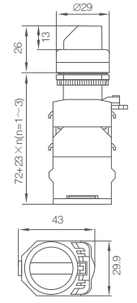
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

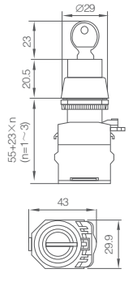
LAY50-22D Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button 	Instantaneous	LAY50–22D–■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ●		
	Self-locking	LAY50–22D–■T/●				
Flat push button with light 	Instantaneous	LAY50–22D–■D/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–22D–■TD/●□				
Mushroom push button 	Instantaneous	LAY50–22D–■M/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●		
	Self-locking	LAY50–22D–■MT/●				
Mushroom push button with light 	Instantaneous	LAY50–22D–■MD/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–22D–■MTD/●□				

Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

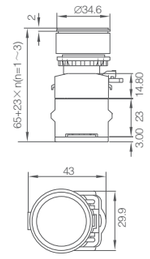
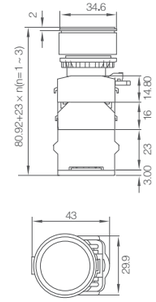
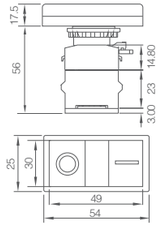
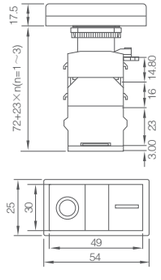
LAY50-22D Series Push Button

Product name	Operating position		Model	Contact	Color	Light voltage	Overall dimensions
Short handle turn button 	Two position	L R	LAY50–22D–■X/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●		
		C R	LAY50–22D–■X/●fu				
	Three position	L C R	LAY50–22D–■XS/●				
		L C R	LAY50–22D–■XS/●ffu				
		L C R	LAY50–22D–■XS/●f				
		L C R	LAY50–22D–■XS/●fu				
Long handle turn button 	Two position	L R	LAY50–22D–■CX/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●		
		C R	LAY50–22D–■CX/●fu				
	Three position	L C R	LAY50–22D–■CXS/●				
		L C R	LAY50–22D–■CXS/●ffu				
		L C R	LAY50–22D–■CXS/●f				
		L C R	LAY50–22D–■CXS/●fu				
Turn button with light 	Two position	L R	LAY50–22D–■XD/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
		C R	LAY50–22D–■XD/●fu				
	Three position	L C R	LAY50–22D–■XDS/●				
		L C R	LAY50–22D–■XDS/●ffu				
		L C R	LAY50–22D–■XDS/●f				
		L C R	LAY50–22D–■XDS/●fu				

Product name	Operating position		Model	Contact	Key pull out position	Overall dimensions
Key button 	Two position	L R	LAY50–22D–■Y/□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following key pull out position code replace the "□" in model a: left pull out ao: middle pull out au: right pull out Note: Since the key to reset button pull out the key position Not for the reset action position	
		C R	LAY50–22D–■Y/fu□			
	Three position	L C R	LAY50–22D–■YS/□			
		L C R	LAY50–22D–■YS/ffu□			
		L C R	LAY50-22D–■YS/f□			
		L C R	LAY50–22D–■YS/fu□			

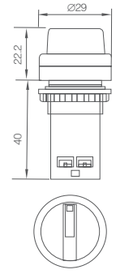
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

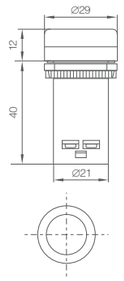
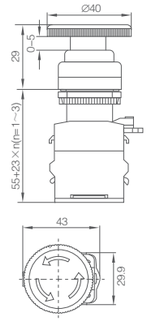
LAY50-22D Series Push Button

Product name	Working status	Model	Contact	Color	Light voltage	Overall dimensions
Flat push button(Ø30) 	Instantaneous	LAY50–30B–■/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ● K: Black ●		
	Self-locking	LAY50–30B–■T/● (Flat when installation, hole diameter is 30.1)				
Flat push button(Ø30) with light 	Instantaneous	LAY50–30B–■D/●□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	
	Self-locking	LAY50–30B–■TD/●□ (Flat when installation, hole diameter is 30.1)				
Double position push button 	Instantaneous	LAY50–22D–■R	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R/G: Red/Green ●/● (push button color)		
Double position push button with light 	Instantaneous	LAY50–22D–■RD/□	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R/G: Red/Green ●/● (push button color) W: white ○ (light color)	Please use the following voltage code replace the "□" in model 21: AC.DC6V 22: AC.DC12V 23: AC.DC24V 24: AC.DC36V 25: AC.DC48V 26: AC.DC110V 27: AC.DC127V 28: AC.DC220V 31: AC 220V 32: AC 380V	

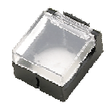
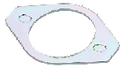
Remarks: 1. With lamp push button light source are Super Bright – pure color LED.
2. Contains a product weight often opened a normally closed contact, a single set of a normally open normally closed contact of weight is 0.034 KG.

LAY50-22D Series Push Button

Product name	Working status		Model	Contact	Color	Overall dimensions
Economical turn button 	Two position	L R	LAY50–22D–■JX/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model K: Black ●	
		C R	LAY50–22D–■JX/●fu			
	Three position	L C R	LAY50–22D–■JXS/●			
		L C R	LAY50–22D–■JXS/●ffu			
		L C R	LAY50–22D–■JXS/●f			
		L C R	LAY50–22D–■JXS/●fu			

Product name	Working status	Model	Contact	Color	Overall dimensions
Economical push button 	Instantaneous	LAY50–22D–■J/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● K: Black ●	
	Self-locking	LAY50–22D–■JT/●			
Emergency push button 	Press the lock, Chronological converting a reset	LAY50–22D–■Z/●	Please use the following contact code replace the "■" in model 10: 1NO 01: 1NO 20: 1NO 02: 1NO 11: 1NO+1NC	Please use the following color code replace the "●" in model R: Red ●	

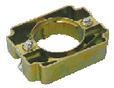
SKB/LAY50 Series button attachment

Picture	Name	Explain
 F–1	F-1/Ø25 F–1/Ø30 Variable diameter ring	when panel hole is Ø25, Ø30, should install this ring.
 F–2	Ø30 Variable diameter nut	Used for Ø30 mm panel and produce ultra-thin button effects.
 F–3	Ø22Protective cover	For Ø22 circular button. Install on the button head, can prevent crash, maloperation,can be locked.
 F–4	F–4/J F–4/F Ø16 Protective cover	For Ø16 circular and square button Install on the button head, can prevent crash, maloperation, can be locked.
F–5	F–5/J F–5/F Ø16 Waterproof cover	Ø16 suit for circular and square button Silicone Rubber apply to A,B,C,D type push button.
 F–6	Ø22 Waterproof cover	IP67
 F–7	F–7/Ø40 F–7/Ø60 F–7/Ø90 Warning ring	Apply to Ø22 emergency push button to increase warning ability.
 F–8	Ø60 Protecting ring	Install on the button head, can prevent crash, maloperation,
 F–9	F–9/Ø22 F–9/Ø25 Mounting plate	Apply to A type push button.
 F–10	Install wrench	Apply to install Ø22pilot lights, button, can Improve the efficiency of installation, reducing labor intensity.

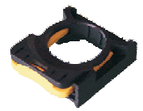
Picture	Name	Explain
 F–11	Install wrench	Apply to install Ø16 pilot lights, button, can Improve the efficiency of installation, reducing labor intensity.
 F–12	BA9S install wrench	Apply to install combined indicator lamp.
 F–13	Aluminum cap	Apply to Ø22 A,B,C type push button.
 F–14	Aluminum cap	Apply to Ø22 D type push button.
 F–15	Socket Apply to change the Ø16 connection mode is welding type	Set at the back of button, makes the pipes easier to install and maintain.
 F–16	Ø60 Mushroom push button head Ø60 Emergency push button head	Mushroom push button head without Arrow mark
 F–17	Dustproof back cover	Apply to Ø22 A,B,C,D type push button dustproof.
 F–18	F–18/25 × 11 F–18/25 × 15 Brand frame	Mounted on the indicator lamp or push button, for symbolic instructions or text instructions. Out of the type structure, can change the sign paper.
 F–19	Panel plug(Ø22)	Used to trim the reserved Ø22 hole or excess Ø22 hole.
 F–20	F–20/Y F–20/F F–20/J Panel plug(Ø16)	Used to trim the reserved Ø16 hole or excess Ø16 hole.

SKB/LAY50 Series button attachment

Picture	Name	Explain
 D–1	Contact D–1/02 D–1/20 D–1/11 D–1/10 D–1/01	Applies to A, B, C, D type push button.
 D–2	D–2/NO D–2/NC Contact	Applies to SKB,SKB4 type all the push button .
 D–3	D–3/NO D–3/NC Contact	Applies to SKB,SKB2 type push button.
 D–4	Lamp element	Applies to A, B, C, D type all the push buttons with light.
 D–5	Lamp element	Applies to SKB,SKB2 type all the push buttons with light.
 D–6	Lamp element	Applies to SKB,SKB4 type push buttons.
 Z–1	AA Type connection	Fixed push button.
 Z–2	AB Type connection	Fixed push button.

Picture	Name	Explain
 Z–3	ACType connection	Fixed push button.
 Z–4	B、D Type connection	Applies to B, D type push button.
 Z–5	C Type connection	Applies to C type push button.
 Z–7	SKB2 Type connection	Applies to SKB2 type push button.
 Z–8	SKB4 Type connection	Applies to SKB4 type push button.

SKB/LAY50 Series button attachment

Picture	Name	Explain
 Contact	SKB0–1	Applies to SKB0 Snap action type push button.
 Contact	SKB0–2	Applies to SKB0 Slow action type push button.
 Connection	SKB0–3	Applies to SKB0 type push button.
 Lamp element	SKB0–4	Applies to SKB0 type push button.
 Aluminum cap	SKB0–5	Applies to SKB0 type push button.
 Warning ring	SKB0–6	Applies to SKB0 type push button.
 Warning ring	SKB0–7	Applies to SKB0 type push button.

Picture	Name	Explain
 H–1	1 Hole push button box color:black base, yellow or grey cover	Optional indicator lamp, push button can make the IP65 control unit.
 H–2	2 Hole push button box color:black base, yellow or grey cover	Optional indicator lamp, push button can make the IP65 control unit.
 H–3	3 Hole push button box color:black base, yellow or grey cover	Optional indicator lamp, push button can make the IP65 control unit.
 H–4	4 Hole push button box color:black base, yellow or grey cover	Optional indicator lamp, push button can make the IP65 control unit.
 H–5	5 Hole push button box color:black base, yellow or grey cover	Optional indicator lamp, push button can make the IP65 control unit.
 F–21	Ø22 Protective cover	For Ø22 circular button. Install on the button head, can prevent crash, maloperation, can be locked.

SKB/LAY50 Series button attachment

Chinese symbols

break–brake	closing	Start	Stop	Open	Falling	Rising	Close	Input
1	2	3	4	5	6	7	8	9

Removal	Accident	The Fault	Test	Power Supply	Open	Close	The standby
10	11	12	13	14	15	16	17

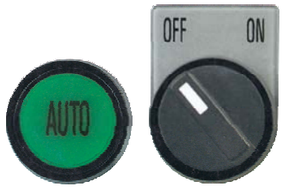
Standard symbols

UP	DOWN	STOP	START	ON	OFF	OPEN	CLOSE	RESET
18	19	20	21	22	23	24	25	26

MANUAL	AUTO	O	|	||	|||
27	28	29	30	31	32

Ios symbol

33 Linear movement	34 Rotate	35 Start	36 Stop	37 Start • Stop	38 Point move
39 Pump	40 Cooling pump	41 The lubrication pump	42 Hydraulic pump	43 Automatic or automatic cycle	44 Limit linear movement



Knob sign board or sign box printing

Stop Start	Break–brake closing	Manual Automatic	Close Open	Close Open	Test Reset
X1	X2	X3	X4	X5	X6
IO	OI	IOII	IIOI	102	201
X7	X8	X9	X10	X11	X12
OFF–ON	STOP–START	HAND–AUTO	REV–FOR		
X13	X14	X15	X16		

INDICATOR LIGHT SERIES



AD56 Series Indicator Light

Model Label

AD56 — [1] [2] [3] / [4] [5]

Model

[1] Indicator Diameter

Diameter	∅16	∅22	∅25	∅30
Code	16	22	25	30

[2] Operating Performance

Letter	Implication
ZH	Combined indicator light
T	Test indicator light
S/S	Two color flash indicator light
W/N	Connect ground position indicator
WY/N	Connect ground position indicator
WF/N	Connect ground position indicator

Letter	Implication
K	Anti-interference indicator light
S	Flash indicator light
FM	Buzzer
W/G	Isolation brake position indicator
WY/G	Isolation brake position indicator
WF/G	Isolation brake position indicator

Letter	Implication
F	Discharge indicator light
SS	Two color indicator light
SM	Flash buzzer
W/D	Circuit breaker position indicator
WY/D	Circuit breaker position indicator
WF/D	Circuit breaker position indicator

[3] Auxiliary Code

Normal type	Ultrashort type
None	S

[4] Indicator Color

Color	Red	Green	Yellow	White	Blue
Code	R ●	G ●	Y ●	W ○	B ●

[5] Indicator Voltage

Voltage	6	12	24	36	48	110	127	220	380	500	220	380
Code	21	22	23	24	25	26	27	28	29	30	31	32
Power supply	AC.DC								FD	FD	AC	AC
Current(mA)	15(g.w) 25(b) 35 (r.y)	15(g.w) 25(b) 35 (r.y)	15	15	15	15	15	10	10	8	15	18

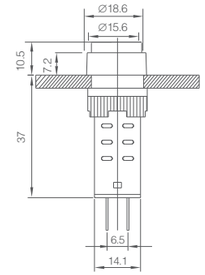
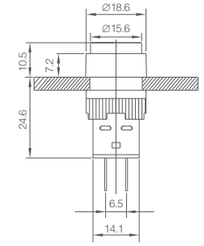
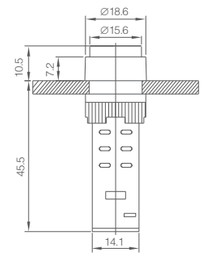
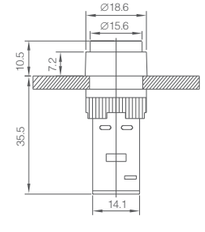
Remarks:The column of power supply "FD" indicates that can be mounted on the capacitor cabinet discharge lamp

Main Technical Parameters

Industrial Frequency Withstand Voltage	2.5kV(AC RMS)，1 min
Insulation Resistance	≥2MΩ
Allowable Voltage Fluctuation	± 10%
Continuous Operating Life	≥30000h
Brightness	≥100cd/m²
Cti	CTI≥600V
Degree Of Protection	IP40,65,IP67(customize)
Applying Frequency	AC50～60Hz
Ambient Temperature	-25℃～+55℃
Relative Humidity	≤98%

Normal work in the vibration frequency of 2-80 hz, the acceleration of 0.7 g;Pollution class is 3,Installation class is III.
There are "TH" logo can work in the humid tropics environment.

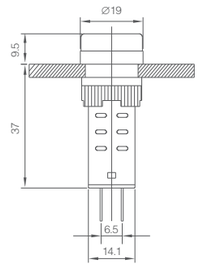
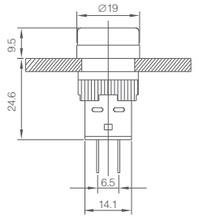
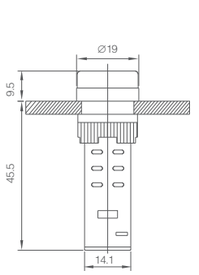
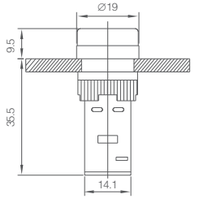
AD56-16 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
A Type Indicator Light 	AD56–16A /●□	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
AS Type Indicator Light 	AD56–16AS /●□	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
B Type Indicator Light 	AD56–16B /●□	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC220V 32: AC380V	
BS Type Indicator Light 	AD56–16BS /●□	Please use the following color code replace the "●" in model R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	

Remarks:1.The type of A, C, E are pin wiring;The type of B, D, F are screw wiring;
S is ultrashort type, no special requirements will provide the appropriate product according to the voltage.
2.All products are made of pure color high-brightness LED light source.
3.Please be noted that if need anti-interference (40V) and anti-surge.
4.16mm Indicator lights shells are made of imported fire-retardant reinforced nylon production.
5.Transparent cover made of imported polycarbonate production, beautiful appearance, bright color, anti-high impact.

Selection example: Model: AD56-16A/R21 Product: A type Indicator light,Red,AC/DC6V.

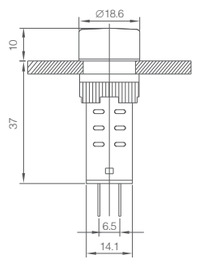
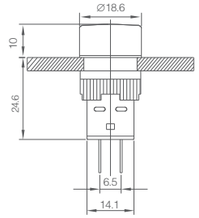
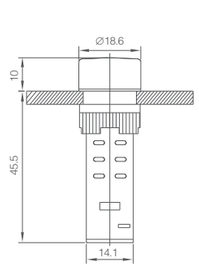
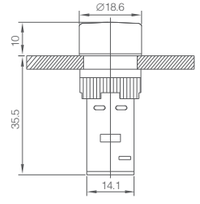
AD56-16 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
C Type Indicator Light 	AD56–16C /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
CS Type Indicator Light 	AD56–16CS /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
D Type Indicator Light 	AD56–16D /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC220V 32: AC380V	
DS Type Indicator Light 	AD56–16DS /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC220V	

Remarks:1.The type of A, C, E are pin wiring;The type of B, D, F are screw wiring;
S is ultrashort type, no special requirements will provide the appropriate product according to the voltage.
2.All products are made of pure color high-brightness LED light source.
3.Please be noted that if need anti-interference (40V) and anti-surge.
4.16mm Indicator lights shells are made of imported fire-retardant reinforced nylon production.
5.Transparent cover made of imported polycarbonate production, beautiful appearance, bright color, anti-high impact.

Selection example: Model: AD56-16DS/R25 Product:DS type Indicator light,Red,AC/DC48V.

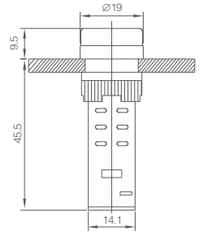
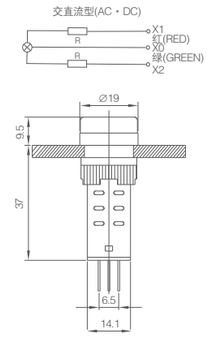
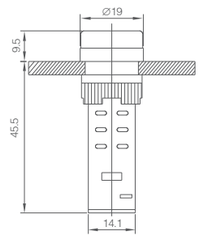
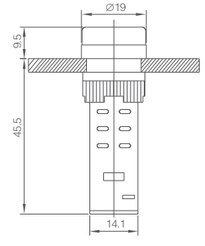
AD56-16 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
E Type Indicator Light 	AD56–16E /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
ES Type Indicator Light 	AD56–16ES /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	
F Type Indicator Light 	AD56–16F /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC220V 32: AC380V	
FS Type Indicator Light 	AD56–16FS /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V	

Remarks:1.The type of A, C, E are pin wiring;The type of B, D, F are screw wiring;
S is ultrashort type, no special requirements will provide the appropriate product according to the voltage.
2.All products are made of pure color high-brightness LED light source.
3.Please be noted that if need anti-interference (40V) and anti-surge.
4.16mm Indicator lights shells are made of imported fire-retardant reinforced nylon production.
5.Transparent cover made of imported polycarbonate production, beautiful appearance, bright color, anti-high impact.

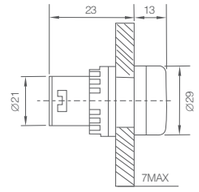
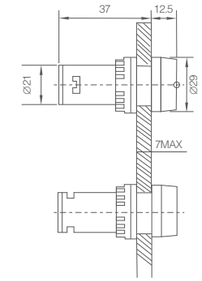
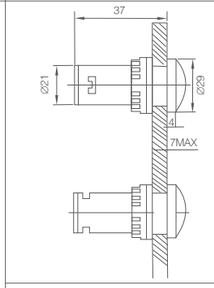
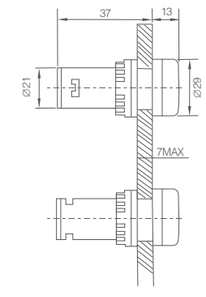
Selection example: Model: AD56-16E/R21 Product: E type Indicator light,Red,AC/DC6V.

AD56-16 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Flash Indicator Light 	AD56–16S /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 31: AC220V	
Two color Indicator Light 	AD56–16SS /●□	Please use the following color code replace the "●" in model R: Red G: Green	Please use the following voltage code replace the "□" in model 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V	
Buzzer 	AD56–16FM /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue K: Black	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 31: AC220V	
Flash Buzzer 	AD56–16SM /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 31: AC220V	

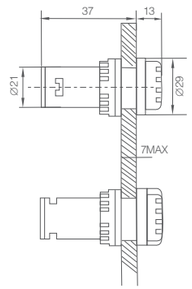
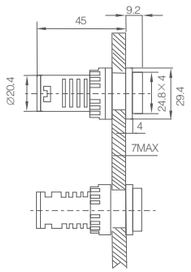
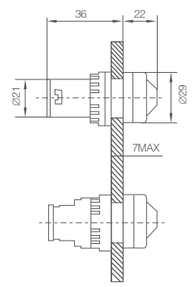
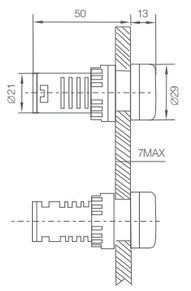
Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-16SM/R25 Product: Flash buzzer,Red,ACDC48V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Extreme short Indicator Light 	AD56–22DSS /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V	
B Type Indicator Light 	AD56–22BS /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 20: DC.AC6V-36V(Universal) 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC 220V 29: FD 380V 30: FD 500V 31: AC 220V 32: AC 380V	
C Type Indicator Light 	AD56–22CS /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 20: DC.AC6V-36V(Universal) 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC 220V 29: FD 380V 30: FD 500V 31: AC 220V 32: AC 380V	
D Type Indicator Light 	AD56–22DS /●□			

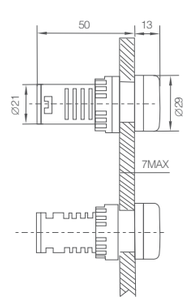
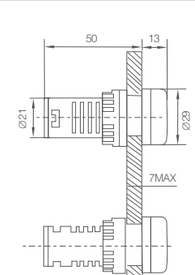
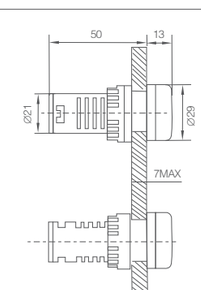
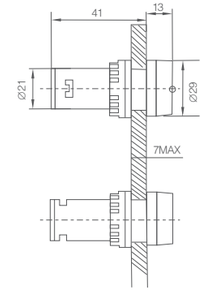
Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22DS/Y26 Product: DS type Indicator light,Yellow,ACDC110V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
E Type Indicator Light 	AD56–22ES /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 20: DC.AC6V-36V(Universal) 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC 220V 29: FD 380V 30: FD 500V 31: AC 220V 32: AC 380V	
F Type Indicator Light 	AD56–22F /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue		
H Type Indicator Light 	AD56–22HS /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 20: DC.AC6V-36V(Universal) 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC 220V 29: FD 380V 30: FD 500V 31: AC 220V 32: AC 380V	
Buzzer 	AD56–22FM /●□ Volume is 10cm/80Decibel, Electric current:15-20mA.	Please use the following color code replace the "●" in model K: Black	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 32: AC 380V	

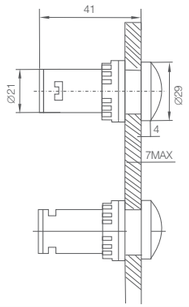
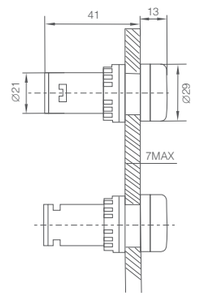
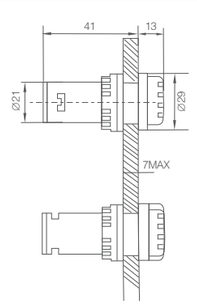
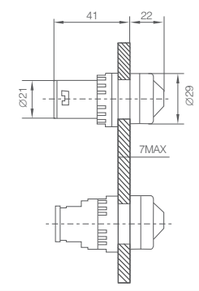
Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22FM/K28 Product: Buzzer, Black,ACDC220V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Flash Buzzer 	AD56–22SM /●□ The buzzer's voice is interrupted flash light. Volume is 10cm/80Decibel, Electric current:15-20mA.	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: AC 380V	
Flash Indicator Light 	AD56–22S /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: AC 380V	
Two color Flash Indicator Light 	AD56–22S/S /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 23: DC.AC24V 28: DC.AC220V	
Combined Indicator Light 	AD56–22ZHB /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model Built–in BA9S LED bulb 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V	

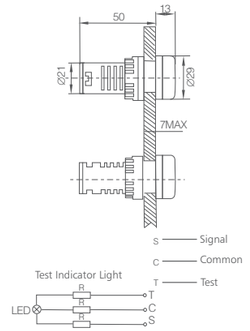
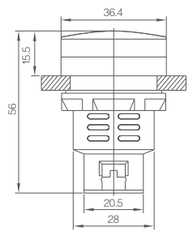
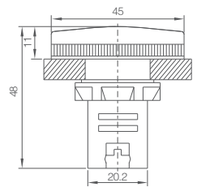
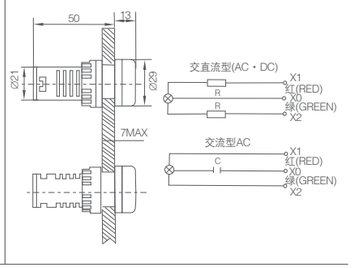
Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22ZHD/Y26 Product: D Type Combined indicator light,Yellow,ACDC110V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Combined Indicator Light 	AD56–22ZHC /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model Built–in BA9S LED bulb 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V	
Combined Indicator Light 	AD56–22 ZHD /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model Built–in BA9S LED bulb 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V	
Combined Indicator Light 	AD56–22ZHE /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model Built–in BA9S LED bulb 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V	
Combined Indicator Light 	AD56–22ZHH /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model Built–in BA9S LED bulb 21: DC.AC6V 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V	

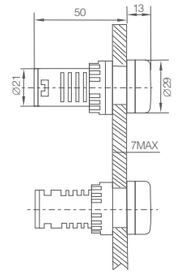
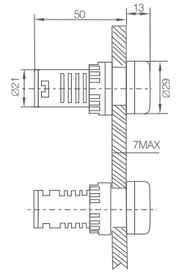
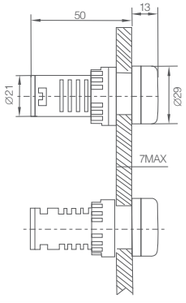
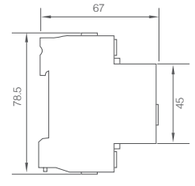
Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22L/Y26 Product: L Type Indicator light,Yellow,ACDC110V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Test Indicator Light 	AD56–22D/T /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: AC 380V	
30mm Indicator Light 	AD56–30D /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: AC 380V	
L type Indicator Light 	AD56–22L /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White B: Blue	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: AC 380V	
Two color Indicator Light 	AD56–22SS /●□	Please use the following color code replace the "●" in model R: Red G: Green	Please use the following voltage code replace the "□" in model 22: DC.AC12V 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V	

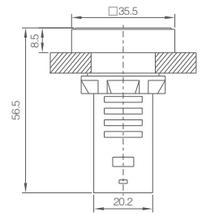
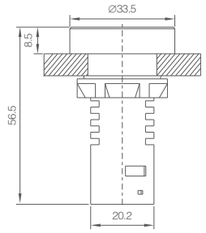
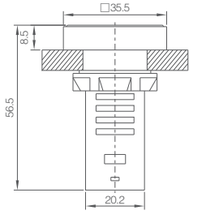
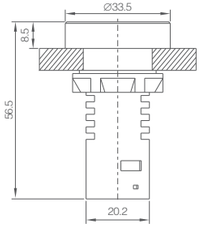
Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22ZHC/R26 Product: C Type Combined indicator light,Red,ACDC110V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Isolation brake position indicator 	AD56–22W/G /●□	Please use the following color code replace the "●" in model R: Red G: Green X0X1 Power on: Red Light X0X2 Power on: Green Light	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Circuit breaker position indicator 	AD56–22W/D /●□	Please use the following color code replace the "●" in model R: Red G: Green X0X1 Power on: Red Light X0X2 Power on: Green Light	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Connect ground position indicator 	AD56–22W/N /●□	Please use the following color code replace the "●" in model R: Red G: Green X0X1/X1X2 Power on: Red Light X0X2 Power on: Green Light	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Orbital Light 	AD56–DZ47 /●□	Please use the following color code replace the "●" in model R: Red G: Green	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: AC 380V	

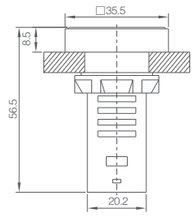
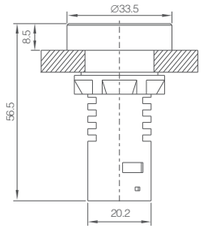
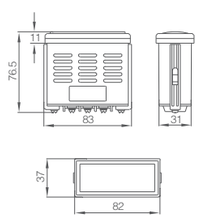
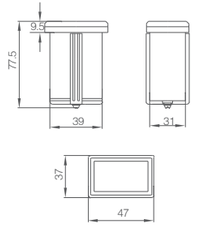
Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22W/N/RG24 Product: Connect ground position indicator,Red/Green,ACDC36V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Isolation brake position indicator (Square) 	AD56–22WF/G /●□	Please use the following color code replace the "●" in model R: Red G: Green X0X1 Power on: Red Light X0X2 Power on: Green Light	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Isolation brake position indicator (Circular) 	AD56–22WY/G /●□	Please use the following color code replace the "●" in model R: Red G: Green	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Circuit breaker position indicator (Square) 	AD56–22WF/D /●□	Please use the following color code replace the "●" in model R: Red G: Green X0X1/X1X2 Power on: Red Light X0X2 Power on: Green Light	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Circuit breaker position indicator (Circular) 	AD56–22 WY/D /●□	Please use the following color code replace the "●" in model R: Red G: Green	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	

Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22WY/D/RG24 Product: Circular breaker position indicator(Circular),Red/Green,ACDC36V.

AD56-22 Series Indicator Light

Product name	Model	Color	Voltage	Overall dimensions
Connect ground position indicator (Square) 	AD56–22WF/N /●□	Please use the following color code replace the "●" in model R: Red G: Green X0X1/X1X2 Power on: Red Light X0X2 Power on: Green Light	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Connect ground position indicator (Circular) 	AD56–22WY/N /●□	Please use the following color code replace the "●" in model R: Red G: Green	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 33: DC.AC380V	
Light displayer (77×31) 	AD56–22G/77×31 /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: DC.AC380V	
Light displayer (39×31) 	AD56–22G/39×31 /●□	Please use the following color code replace the "●" in model R: Red G: Green Y: Yellow W: White	Please use the following voltage code replace the "□" in model 23: DC.AC24V 24: DC.AC36V 25: DC.AC48V 26: DC.AC110V 27: DC.AC127V 28: DC.AC220V 31: AC 220V 32: DC.AC380V	

Remarks:1. All products are made of pure color high-brightness LED light source.
Selection example: Model: AD56-22WF/N/RG25 Product: Connect ground position indicator,Red/Green,ACDC48V.

LED Series Indicator Bulb

Model label

BA □ S — 1 2 3 / 4

Buld code 7: Ø7 ; 9: Ø9

1 Type

Product	Common type	Flash type	Diode type
Code	P	SG	L
Product	New type (With vertical stripes)	Plastic case diode type	Plastic case PCB type
Code	X	SL	SP

2 Rated voltage 6-240V Remarks: S short type 6-24V(BA9S)

3 Color

Color	Red	Green	Yellow	White	Blue
Code	R ●	G ●	Y ●	W ○	B ●

4 Specification S: short type

Model label

E □□ — 1 2 3 / 4

Buld code 10: Ø10 ; 12: Ø12 ;15: Ø15

1 Type

Product	Common type	Flash type	Diode type
Code	P	SG	L
Product	New type (With vertical stripes)	Plastic case diode type	Plastic case PCB type
Code	X	SL	SP

2 Rated voltage 6-240V Remarks: S short type 6-24V(E10)

3 Color

Color	Red	Green	Yellow	White	Blue
Code	R ●	G ●	Y ●	W ○	B ●

4 Specification S: short type

Introduction

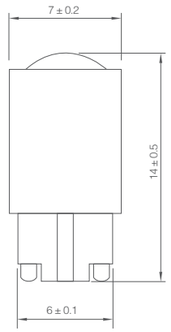
Suitable for AC 220V, frequency 50-60Hz, 220V and below 220V DC voltage specifications of telecommunications electrical equipment for a variety of electrical circuit indicator signal, warning signal, accident signal and other instructions signal;in line with GB14048.5-2003 standard. Advantages: light bright color, high reliability and appearance have multiple style, light form of LED light-emitting diode having a long life and other characteristics.

Main technical parameters and operating environment

Performance Index	Operating frequency 2000V/min, allowable voltage ± 10%	Relative Humidity	⩽85%
Continuous Operating Life	30000h	Degree Of Protection	IP55
Ambient Temperature	-25℃ ~ +55℃	Installation Class:III	Ⅲ Class
Altitude	⩽2000m	Pollution Class	3 Class

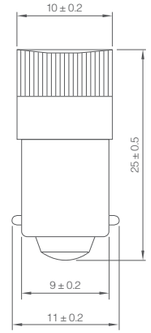
Product name	Electric light source	Color	Model	Weight	Overall dimensions
Common type BA7S-SP	21: AC/DC 6V Power: 0.2W LED Current: 12~14mA	R: Red	BA7S-SP21R	0.002	
		G:Green	BA7S-SP21G		
		Y: Yellow	BA7S-SP21Y		
		W: White	BA7S-SP21W		
		B: Blue	BA7S-SP21B		
	22: AC/DC 12V Power: 0.2W LED Current: 12~14mA	R: Red	BA7S-SP22R		
		G:Green	BA7S-SP22G		
		Y: Yellow	BA7S-SP22Y		
		W: White	BA7S-SP22W		
		B: Blue	BA7S-SP22B		
	23: AC/DC 24V Power: 0.2W LED Current: 10~12mA	R: Red	BA7S-SP23R		
		G:Green	BA7S-SP23G		
		Y: Yellow	BA7S-SP23Y		
		W: White	BA7S-SP23W		
		B: Blue	BA7S-SP23B		
	24: AC/DC 36V Power: 0.2W LED Current: 10~12mA	R: Red	BA7S-SP24R		
		G:Green	BA7S-SP24G		
		Y: Yellow	BA7S-SP24Y		
		W: White	BA7S-SP24W		
		B: Blue	BA7S-SP24B		
	25: AC/DC 48V Power: 0.2W LED Current: 10~12mA	R: Red	BA7S-SP25R		
		G:Green	BA7S-SP25G		
		Y: Yellow	BA7S-SP25Y		
		W: White	BA7S-SP25W		
		B: Blue	BA7S-SP25B		
	26: AC/DC 110V Power: 0.2W LED Current: 5mA	R: Red	BA7S-SP26R		
		G:Green	BA7S-SP26G		
		Y: Yellow	BA7S-SP26Y		
		W: White	BA7S-SP26W		
		B: Blue	BA7S-SP26B		
	27: AC/DC 127V Power: 0.2W LED Current: 4mA	R: Red	BA7S-SP27R		
		G:Green	BA7S-SP27G		
		Y: Yellow	BA7S-SP27Y		
		W: White	BA7S-SP27W		
		B: Blue	BA7S-SP27B		
	28: AC/DC 220V Power: 0.2W LED Current: 2~3mA	R: Red	BA7S-SP28R		
		G:Green	BA7S-SP28G		
		Y: Yellow	BA7S-SP28Y		
		W: White	BA7S-SP28W		
		B: Blue	BA7S-SP28B		





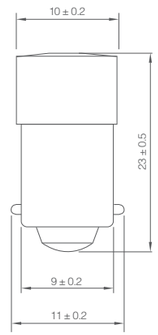
Product name	Electric light source	Color	Model	Weight	Overall dimensions
Common type BA9S-D	21: AC/DC 6V Power: 0.2W LED Current: 12~14mA	R: Red	BA9S-D21R	0.002	
		G:Green	BA9S-D21G		
		Y: Yellow	BA9S-D21Y		
		W: White	BA9S-D21W		
		B: Blue	BA9S-D21B		
	22: AC/DC 12V Power: 0.2W LED Current: 12~14mA	R: Red	BA9S-D22R		
		G:Green	BA9S-D22G		
		Y: Yellow	BA9S-D22Y		
		W: White	BA9S-D22W		
		B: Blue	BA9S-D22B		
	23: AC/DC 24V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-D23R		
		G:Green	BA9S-D23G		
		Y: Yellow	BA9S-D23Y		
		W: White	BA9S-D23W		
		B: Blue	BA9S-D23B		
	24: AC/DC 36V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-D24R		
		G:Green	BA9S-D24G		
		Y: Yellow	BA9S-D24Y		
		W: White	BA9S-D24W		
		B: Blue	BA9S-D24B		
	25: AC/DC 48V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-D25R		
		G:Green	BA9S-D25G		
		Y: Yellow	BA9S-D25Y		
		W: White	BA9S-D25W		
		B: Blue	BA9S-D25B		
	26: AC/DC 110V Power: 0.2W LED Current: 5mA	R: Red	BA9S-D26R		
		G:Green	BA9S-D26G		
		Y: Yellow	BA9S-D26Y		
		W: White	BA9S-D26W		
		B: Blue	BA9S-D26B		
	27: AC/DC 127V Power: 0.2W LED Current: 4mA	R: Red	BA9S-D27R		
		G:Green	BA9S-D27G		
		Y: Yellow	BA9S-D27Y		
		W: White	BA9S-D27W		
		B: Blue	BA9S-D27B		
	28: AC/DC 220V Power: 0.2W LED Current: 2~3mA	R: Red	BA9S-D28R		
		G:Green	BA9S-D28G		
		Y: Yellow	BA9S-D28Y		
		W: White	BA9S-D28W		
		B: Blue	BA9S-D28B		





Remarks:The common type of BA9S can customize AC/DC380V, please consult the details.

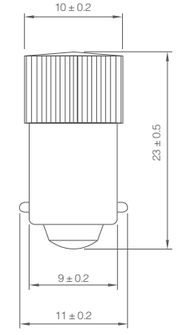
LED Series Indicator Bulb

Product name	Electric light source	Color	Model	Weight	Overall dimensions
Common type BA9S-P	21: AC/DC 6V Power: 0.2W LED Current: 12~14mA	R: Red	BA9S-P21R	0.002	
		G:Green	BA9S-P21G		
		Y: Yellow	BA9S-P21Y		
		W: White	BA9S-P21W		
		B: Blue	BA9S-P21B		
	22: AC/DC 12V Power: 0.2W LED Current: 12~14mA	R: Red	BA9S-P22R		
		G:Green	BA9S-P22G		
		Y: Yellow	BA9S-P22Y		
		W: White	BA9S-P22W		
		B: Blue	BA9S-P22B		
	23: AC/DC 24V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-P23R		
		G:Green	BA9S-P23G		
		Y: Yellow	BA9S-P23Y		
		W: White	BA9S-P23W		
		B: Blue	BA9S-P23B		
	24: AC/DC 36V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-P24R		
		G:Green	BA9S-P24G		
		Y: Yellow	BA9S-P24Y		
		W: White	BA9S-P24W		
		B: Blue	BA9S-P24B		
	25: AC/DC 48V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-P25R		
		G:Green	BA9S-P25G		
		Y: Yellow	BA9S-P25Y		
		W: White	BA9S-P25W		
		B: Blue	BA9S-P25B		
	26: AC/DC 110V Power: 0.2W LED Current: 5mA	R: Red	BA9S-P26R		
		G:Green	BA9S-P26G		
		Y: Yellow	BA9S-P26Y		
		W: White	BA9S-P26W		
		B: Blue	BA9S-P26B		
	27: AC/DC 127V Power: 0.2W LED Current: 4mA	R: Red	BA9S-P27R		
		G:Green	BA9S-P27G		
		Y: Yellow	BA9S-P27Y		
		W: White	BA9S-P27W		
		B: Blue	BA9S-P27B		
	28: AC/DC 220V Power: 0.2W LED Current: 2~3mA	R: Red	BA9S-P28R		
		G:Green	BA9S-P28G		
		Y: Yellow	BA9S-P28Y		
		W: White	BA9S-P28W		
		B: Blue	BA9S-P28B		



Remarks:The common type of BA9S can customize AC/DC380V, please consult the details.

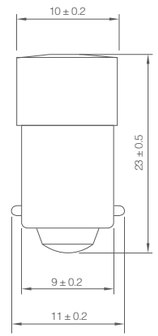
LED Series Indicator Bulb

Product name	Electric light source	Color	Model	Weight	Overall dimensions
Common type BA9S-X	21: AC/DC 6V Power: 0.2W LED Current: 12~14mA	R: Red	BA9S-X21R	0.002	
		G:Green	BA9S-X21G		
		Y: Yellow	BA9S-X21Y		
		W: White	BA9S-X21W		
		B: Blue	BA9S-X21B		
	22: AC/DC 12V Power: 0.2W LED Current: 12~14mA	R: Red	BA9S-X22R		
		G:Green	BA9S-X22G		
		Y: Yellow	BA9S-X22Y		
		W: White	BA9S-X22W		
		B: Blue	BA9S-X22B		
	23: AC/DC 24V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-X23R		
		G:Green	BA9S-X23G		
		Y: Yellow	BA9S-X23Y		
		W: White	BA9S-X23W		
		B: Blue	BA9S-X23B		
	24: AC/DC 36V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-X24R		
		G:Green	BA9S-X24G		
		Y: Yellow	BA9S-X24Y		
		W: White	BA9S-X24W		
		B: Blue	BA9S-X24B		
	25: AC/DC 48V Power: 0.2W LED Current: 10~12mA	R: Red	BA9S-X25R		
		G:Green	BA9S-X25G		
		Y: Yellow	BA9S-X25Y		
		W: White	BA9S-X25W		
		B: Blue	BA9S-X25B		
	26: AC/DC 110V Power: 0.2W LED Current: 5mA	R: Red	BA9S-X26R		
		G:Green	BA9S-X26G		
		Y: Yellow	BA9S-X26Y		
		W: White	BA9S-X26W		
		B: Blue	BA9S-X26B		
	27: AC/DC 127V Power: 0.2W LED Current: 4mA	R: Red	BA9S-X27R		
		G:Green	BA9S-X27G		
		Y: Yellow	BA9S-X27Y		
		W: White	BA9S-X27W		
		B: Blue	BA9S-X27B		
	28: AC/DC 220V Power: 0.2W LED Current: 2~3mA	R: Red	BA9S-X28R		
		G:Green	BA9S-X28G		
		Y: Yellow	BA9S-X28Y		
		W: White	BA9S-X28W		
		B: Blue	BA9S-X28B		



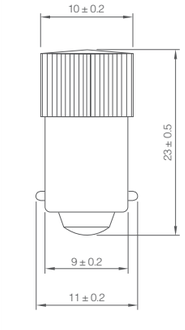
Remarks:The common type of BA9S can customize AC/DC380V, please consult the details.

LED Series Indicator Bulb

Product name	Electric light source	Color	Model	Weight	Overall dimensions
Flash type BA9S-PSG	21: AC/DC 6V Power: 0.3W LED Current: 12～14mA	R: Red	BA9S-PSG21R	0.002	
		G:Green	BA9S-PSG21G		
		Y: Yellow	BA9S-PSG21Y		
		W: White	BA9S-PSG21W		
		B: Blue	BA9S-PSG21B		
	22: AC/DC 12V Power: 0.3W LED Current: 12～14mA	R: Red	BA9S-PSG22R		
		G:Green	BA9S-PSG22G		
		Y: Yellow	BA9S-PSG22Y		
		W: White	BA9S-PSG22W		
		B: Blue	BA9S-PSG22B		
	23: AC/DC 24V Power: 0.3W LED Current: 10～12mA	R: Red	BA9S-PSG23R		
		G:Green	BA9S-PSG23G		
		Y: Yellow	BA9S-PSG23Y		
		W: White	BA9S-PSG23W		
		B: Blue	BA9S-PSG23B		
	24: AC/DC 36V Power: 0.3W LED Current: 10～12mA	R: Red	BA9S-PSG24R		
		G:Green	BA9S-PSG24G		
		Y: Yellow	BA9S-PSG24Y		
		W: White	BA9S-PSG24W		
		B: Blue	BA9S-PSG24B		
	25: AC/DC 48V Power: 0.3W LED Current: 10～12mA	R: Red	BA9S-PSG25R		
		G:Green	BA9S-PSG25G		
		Y: Yellow	BA9S-PSG25Y		
		W: White	BA9S-PSG25W		
		B: Blue	BA9S-PSG25B		



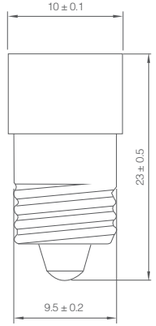
LED Series Indicator Bulb

Product name	Electric light source	Color	Model	Weight	Overall dimensions
Flash type BA9S-XSG	21: AC/DC 6V Power: 0.3W LED Current: 12～14mA	R: Red	BA9S-XSG21R	0.002	
		G:Green	BA9S-XSG21G		
		Y: Yellow	BA9S-XSG21Y		
		W: White	BA9S-XSG21W		
		B: Blue	BA9S-XSG21B		
	22: AC/DC 12V Power: 0.3W LED Current: 12～14mA	R: Red	BA9S-XSG22R		
		G:Green	BA9S-XSG22G		
		Y: Yellow	BA9S-XSG22Y		
		W: White	BA9S-XSG22W		
		B: Blue	BA9S-XSG22B		
	23: AC/DC 24V Power: 0.3W LED Current: 10～12mA	R: Red	BA9S-XSG23R		
		G:Green	BA9S-XSG23G		
		Y: Yellow	BA9S-XSG23Y		
		W: White	BA9S-XSG23W		
		B: Blue	BA9S-XSG23B		
	24: AC/DC 36V Power: 0.3W LED Current: 10～12mA	R: Red	BA9S-XSG24R		
		G:Green	BA9S-XSG24G		
		Y: Yellow	BA9S-XSG24Y		
		W: White	BA9S-XSG24W		
		B: Blue	BA9S-XSG24B		
	25: AC/DC 48V Power: 0.3W LED Current: 10～12mA	R: Red	BA9S-XSG25R		
		G:Green	BA9S-XSG25G		
		Y: Yellow	BA9S-XSG25Y		
		W: White	BA9S-XSG25W		
		B: Blue	BA9S-XSG25B		



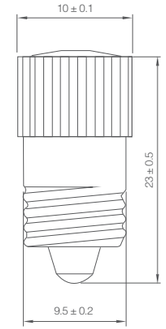
Product name	Electric light source	Color	Model	Weight	Overall dimensions
Common type E10-P	21: AC/DC 6V Power: 0.3W LED Current: 12～14mA	R: Red	E10-P21R	0.002	
		G:Green	E10-P21G		
		Y: Yellow	E10-P21Y		
		W: White	E10-P21W		
		B: Blue	E10-P21B		
	22: AC/DC 12V Power: 0.3W LED Current: 12～14mA	R: Red	E10-P22R		
		G:Green	E10-P22G		
		Y: Yellow	E10-P22Y		
		W: White	E10-P22W		
		B: Blue	E10-P22B		
	23: AC/DC 24V Power: 0.3W LED Current: 10～12mA	R: Red	E10-P23R		
		G:Green	E10-P23G		
		Y: Yellow	E10-P23Y		
		W: White	E10-P23W		
		B: Blue	E10-P23B		
	24: AC/DC 36V Power: 0.3W LED Current: 10～12mA	R: Red	E10-P24R		
		G:Green	E10-P24G		
		Y: Yellow	E10-P24Y		
		W: White	E10-P24W		
		B: Blue	E10-P24B		
	25: AC/DC 48V Power: 0.3W LED Current: 10～12mA	R: Red	E10-P25R		
		G:Green	E10-P25G		
		Y: Yellow	E10-P25Y		
		W: White	E10-P25W		
		B: Blue	E10-P25B		
	26: AC/DC 110V Power: 0.3W LED Current: 5mA	R: Red	E10-P26R		
		G:Green	E10-P26G		
		Y: Yellow	E10-P26Y		
		W: White	E10-P26W		
		B: Blue	E10-P26B		
	27: AC/DC 127V Power: 0.3W LED Current: 4mA	R: Red	E10-P27R		
		G:Green	E10-P27G		
		Y: Yellow	E10-P27Y		
		W: White	E10-P27W		
		B: Blue	E10-P27B		
	28: AC/DC 220V Power: 0.3W LED Current: 2～3mA	R: Red	E10-P28R		
		G:Green	E10-P28G		
		Y: Yellow	E10-P28Y		
		W: White	E10-P28W		
		B: Blue	E10-P28B		

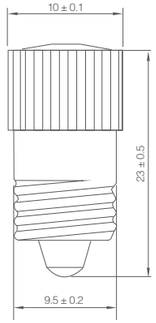


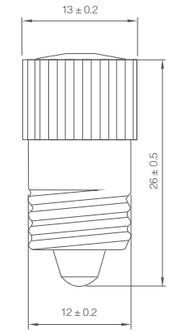


Product name	Electric light source	Color	Model	Weight	Overall dimensions
Common type E10-X	21: AC/DC 6V Power: 0.3W LED Current: 12～14mA	R: Red	E10-X21R	0.002	
		G:Green	E10-X21G		
		Y: Yellow	E10-X21Y		
		W: White	E10-X21W		
		B: Blue	E10-X21B		
	22: AC/DC 12V Power: 0.3W LED Current: 12～14mA	R: Red	E10-X22R		
		G:Green	E10-X22G		
		Y: Yellow	E10-X22Y		
		W: White	E10-X22W		
		B: Blue	E10-X22B		
	23: AC/DC 24V Power: 0.3W LED Current: 10～12mA	R: Red	E10-X23R		
		G:Green	E10-X23G		
		Y: Yellow	E10-X23Y		
		W: White	E10-X23W		
		B: Blue	E10-X23B		
	24: AC/DC 36V Power: 0.3W LED Current: 10～12mA	R: Red	E10-X24R		
		G:Green	E10-X24G		
		Y: Yellow	E10-X24Y		
		W: White	E10-X24W		
		B: Blue	E10-X24B		
	25: AC/DC 48V Power: 0.3W LED Current: 10～12mA	R: Red	E10-X25R		
		G:Green	E10-X25G		
		Y: Yellow	E10-X25Y		
		W: White	E10-X25W		
		B: Blue	E10-X25B		
	26: AC/DC 110V Power: 0.3W LED Current: 5mA	R: Red	E10-X26R		
		G:Green	E10-X26G		
		Y: Yellow	E10-X26Y		
		W: White	E10-X26W		
		B: Blue	E10-X26B		
	27: AC/DC 127V Power: 0.3W LED Current: 4mA	R: Red	E10-X27R		
		G:Green	E10-X27G		
		Y: Yellow	E10-X27Y		
		W: White	E10-X27W		
		B: Blue	E10-X27B		
	28: AC/DC 220V Power: 0.3W LED Current: 2～3mA	R: Red	E10-X28R		
		G:Green	E10-X28G		
		Y: Yellow	E10-X28Y		
		W: White	E10-X28W		
		B: Blue	E10-X28B		





Product name	Electric light source	Color	Model	Weight	Overall dimensions
Flash type E10-XSG	21: AC/DC 6V Power: 0.3W LED Current: 12～14mA	R: Red	E10-XSG21R	0.002	
		G:Green	E10-XSG21G		
		Y: Yellow	E10-XSG21Y		
		W: White	E10-XSG21W		
		B: Blue	E10-XSG21B		
	22: AC/DC 12V Power: 0.3W LED Current: 12～14mA	R: Red	E10-XSG22R		
		G:Green	E10-XSG22G		
		Y: Yellow	E10-XSG22Y		
		W: White	E10-XSG22W		
		B: Blue	E10-XSG22B		
	23: AC/DC 24V Power: 0.3W LED Current: 10～12mA	R: Red	E10-XSG23R		
		G:Green	E10-XSG23G		
		Y: Yellow	E10-XSG23Y		
		W: White	E10-XSG23W		
		B: Blue	E10-XSG23B		
	24: AC/DC 36V Power: 0.3W LED Current: 10～12mA	R: Red	E10-XSG24R		
		G:Green	E10-XSG24G		
		Y: Yellow	E10-XSG24Y		
		W: White	E10-XSG24W		
		B: Blue	E10-XSG24B		
	25: AC/DC 48V Power: 0.3W LED Current: 10～12mA	R: Red	E10-XSG25R		
		G:Green	E10-XSG25G		
		Y: Yellow	E10-XSG25Y		
		W: White	E10-XSG25W		
		B: Blue	E10-XSG25B		

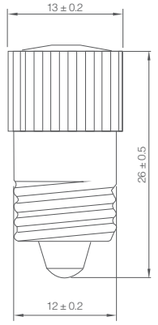
Product name	Electric light source	Color	Model	Weight	Overall dimensions
Common type E12-X	21: AC/DC 6V Power: 0.3W LED Current: 12～14mA	R: Red	E12-X21R	0.005	
		G:Green	E12-X21G		
		Y: Yellow	E12-X21Y		
		W: White	E12-X21W		
		B: Blue	E12-X21B		
	22: AC/DC 12V Power: 0.3W LED Current: 12～14mA	R: Red	E12-X22R		
		G:Green	E12-X22G		
		Y: Yellow	E12-X22Y		
		W: White	E12-X22W		
		B: Blue	E12-X22B		
	23: AC/DC 24V Power: 0.3W LED Current: 10～12mA	R: Red	E12-X23R		
		G:Green	E12-X23G		
		Y: Yellow	E12-X23Y		
		W: White	E12-X23W		
		B: Blue	E12-X23B		
	24: AC/DC 36V Power: 0.3W LED Current: 10～12mA	R: Red	E12-X24R		
		G:Green	E12-X24G		
		Y: Yellow	E12-X24Y		
		W: White	E12-X24W		
		B: Blue	E12-X24B		
	25: AC/DC 48V Power: 0.3W LED Current: 10～12mA	R: Red	E12-X25R		
		G:Green	E12-X25G		
		Y: Yellow	E12-X25Y		
		W: White	E12-X25W		
		B: Blue	E12-X25B		
	26: AC/DC 110V Power: 0.3W LED Current: 5mA	R: Red	E12-X26R		
		G:Green	E12-X26G		
		Y: Yellow	E12-X26Y		
		W: White	E12-X26W		
		B: Blue	E12-X26B		
	27: AC/DC 127V Power: 0.3W LED Current: 4mA	R: Red	E12-X27R		
		G:Green	E12-X27G		
		Y: Yellow	E12-X27Y		
		W: White	E12-X27W		
		B: Blue	E12-X27B		
	28: AC/DC 220V Power: 0.3W LED Current: 2～3mA	R: Red	E12-X28R		
		G:Green	E12-X28G		
		Y: Yellow	E12-X28Y		
		W: White	E12-X28W		
		B: Blue	E12-X28B		



LED Series Indicator Bulb

Product name	Electric light source	Color	Model	Weight	Overall dimensions
Flash type E12-XSG	21: AC/DC 6V Power: 0.3W LED Current: 12～14mA	R: Red	E12-XSG21R	0.005	
		G:Green	E12-XSG21G		
		Y: Yellow	E12-XSG21Y		
		W: White	E12-XSG21W		
		B: Blue	E12-XSG21B		
	22: AC/DC 12V Power: 0.3W LED Current: 12～14mA	R: Red	E12-XSG22R		
		G:Green	E12-XSG22G		
		Y: Yellow	E12-XSG22Y		
		W: White	E12-XSG22W		
		B: Blue	E12-XSG22B		
	23: AC/DC 24V Power: 0.3W LED Current: 10～12mA	R: Red	E12-XSG23R		
		G:Green	E12-XSG23G		
		Y: Yellow	E12-XSG23Y		
		W: White	E12-XSG23W		
		B: Blue	E12-XSG23B		
	24: AC/DC 36V Power: 0.3W LED Current: 10～12mA	R: Red	E12-XSG24R		
		G:Green	E12-XSG24G		
		Y: Yellow	E12-XSG24Y		
		W: White	E12-XSG24W		
		B: Blue	E12-XSG24B		
	25: AC/DC 48V Power: 0.3W LED Current: 10～12mA	R: Red	E12-XSG25R		
		G:Green	E12-XSG25G		
		Y: Yellow	E12-XSG25Y		
		W: White	E12-XSG25W		
		B: Blue	E12-XSG25B		





WARNING LIGHT SERIES



Sk Series Product Overview

The sound signal or light signals of Round-head warning light and Multi-level warning light representative of a machine working order and condition, such as start, stop, alarm, fault and so on.For the technical personnel judgment and check the operation condition of the equipment.

Round-head Series Warning Light

◎Single Signal Warning Light

It can be equipped with lighting signal unit

- Constant light
- Flashing light
- Revolving light(only for SK82 and SK100)

Warning lights composition:

Lamp holder cable is connected from the bottom of the activity terminal

Lamp shade:Green,Red,Blue,Yellow,White.

Combined Signal Warning Light

◎Assembled By The User

It can be combined for up to five kinds of light signal and sound signal unit

Combined signal warning light composition:

- Lamp holder:Cable from the bottom or side entry into, connected to the activity terminal
- Have 1-5 colorful lamp shade and green,red,orange,blue,yellow,transparent ect 6 kinds of color.
- A sound signal unit(At most five or four light signal unit and a sound signal unit)
- Head cover

Light and sound signal unit stacked together with long bolts assembled combination signal lights that automatically complete the electrical connection between the signal unit.

◎Accessory(as Shown In Page 103)

- Supporting tube, G1 length is 42mm,G2 length is 145mm and G3 length is 240mm.
- A1:Upright installation base
- A2: Upright installation with base and corner
- B1:Side installation base
- B2:Side installation with base and corner
- C1:Side installation
- C2:Side installation
- D1: Upright installation with base and corner

Installation

◎Fixed

Lamp holder with 2 bolts directly to the fixed on the plate and cupboard door, also can use a fixed plate or transition plate fixed on the plate and cupboard door

◎Wiring

Wiring is simple with only connected to the activity terminal on the lamp holder. Terminal bolts and connectors protected to prevent that activities (charged) parts contact accident.

Features

Surroundings			
Certification		Standard version	CE
Standard			IEC/EN 60947-5-1
Protection process		Standard version	“TC”
Ambient temperature	Storage		–40℃...+70℃
	Working	Constant light	–25℃...+70℃, Incandescent bulbs 10W
			–25...+50℃,LED light-emitting diode
		Flashing light	–25...+50℃,Incandescent bulbs 7W
			–25...+40℃,Incandescent bulbs 10W
			–25...+50℃,LED light-emitting diode
		Sound signal unit	–25...+50℃,Buzzer
Electric shock protection Adoption of international standards IEC 536		Supporting tube installation	Class I
		Installed directly on the lamp holder	Class II
Degree of protection		Standard IEC 529, NF C 20-010 UL508	IP 65 NEMA Indoor Type 4
Material		Lamp shade	Polycarbonate
		Lamp holder and Head cover	ABS and polycarbonate
		Tube	Aluminum
		Fixed plate	Zinc Alloy
Electrical Performance			
Rated voltage (Ui)		Standard IEC 947-1	250V
Loss	LED	Constant light	z 24V: < 80mA
			a 120...230V:< 30mA
		Flashing light	z 24V:< 40mA
			a 120...230V:< 15mA
	Sound signal unit		z 12...48V:< 20mA
			a 120...230V:< 50mA
Rated impulse with stand voltage		Standard IEC 947-1	Uimp = 4kV
Bulb form		Light-emitting unit: constant light and flash	BA15d lamp, bulb Max 10W, Min 5W
Sound signal unit		Continuous or intermittent signal	90dB at 1 m
		Base frequency	2.8Khz
Terminals		Use five signal unit	1 C type terminal block
Wiring		Depending on the number of units	1 or 5 terminal
		Conductor and cross-section	Cable 1×1.5mm²
Light emitting unit frequency		light-emitting unit	1Hz

(1) Note: Do not allow incandescent light emitting unit and the LED light-emitting unit combination, when different light-emitting elements (such as ordinary light and flash) combination should be used weak units maximum operating ambient temperature

SK Round head Warning Light

Model Label

SK — □ 1 2 3 / 4

Enterprise code　Product model

1 Light Form

Form	Constant light	Flashing light	Revolving light
Code	L	F	Z

2 Sound Form

Form	Common buzzer	High decibel buzzer	Speaker
Code	S	K	D

3 Voltage Level

Voltage	AC/DC24V	AC/110V	AC/220V	AC/380V
Code	23	30	31	32

4 Color Category

Color	Red	Green	Yellow	White	Blue
Code	R ●	G ●	Y ●	W ○	B ●

Introduction

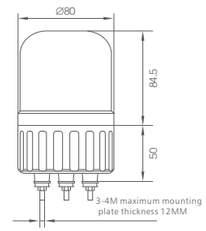
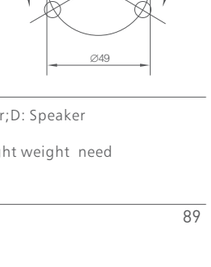
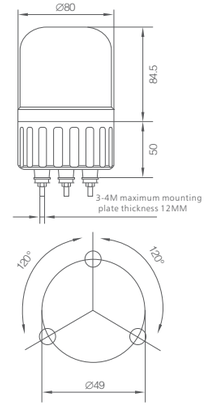
SK series single light, diameter: 80mm, 100mm, is sound and light warning light; Adopt imported high brightness LED light-emitting diodes; using environment-friendly cold light source design, not hot, photoelectric conversion efficiency, strong direction, life long, effective life of more than 100,000 hours, low power consumption, power consumption is small.

- Light form:constant light,flashing light and revolving light;
- Rated voltage:AC/DC24V,AC100V,AC220V.

Main technical parameters

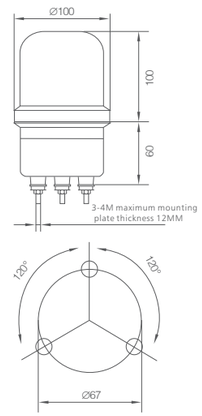
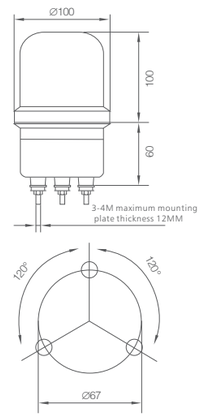
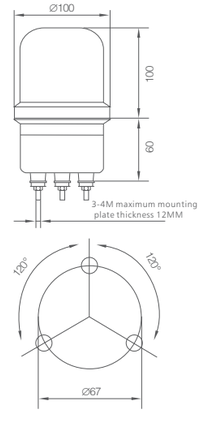
Rated voltage	AC2500V
Rated insulation voltage	AC690V
Maximum voltage fluctuation	±15%Ue
Rated frequency	40Hz～60Hz
Altitude	≤2000m
Relative humidity	≤98%
Degree of protection	IP65
Temperature	-30℃～+50℃

SK-82 Round head Warning Light

Product name	Voltage level	Color	Model	Weight	Overall dimensions
Constant Warning Light Contain: A Light shade A Light holder 	With LED 23: AC/DC 24V Power: 1W	R: Red ●	SK–82L□23/R	0.210	
		G:Green ●	SK–82L□23/G		
		Y: Yellow ●	SK–82L□23/Y		
		W: White ○	SK–82L□23/W		
		B: Blue ●	SK–82L□23/B		
	With LED 30: AC 110V Power: 1.3W	R: Red ●	SK–82L□30/R	0.420	
		G:Green ●	SK–82L□30/G		
		Y: Yellow ●	SK–82L□30/Y		
		W: White ○	SK–82L□30/W		
		B: Blue ●	SK–82L□30/B		
	With LED 31:AC 220V Power:1.5W	R: Red ●	SK–82L□31/R	0.420	
		G:Green ●	SK–82L□31/G		
		Y: Yellow ●	SK–82L□31/Y		
		W: White ○	SK–82L□31/W		
		B: Blue ●	SK–82L□31/B		
	With LED 32: AC 380V Power: 2.0W	R: Red ●	SK–82L□32/R	0.420	
		G:Green ●	SK–82L□32/G		
		Y: Yellow ●	SK–82L□32/Y		
		W: White ○	SK–82L□32/W		
		B: Blue ●	SK–82L□32/B		
Flashing Warning Light Contain: A Light shade A Light holder 	With LED 23: AC/DC 24V Power: 1W	R: Red ●	SK–82F□23/R	0.210	
		G:Green ●	SK–82F□23/G		
		Y: Yellow ●	SK–82F□23/Y		
		W: White ○	SK–82F□23/W		
		B: Blue ●	SK–82F□23/B		
	With LED 30: AC 110V Power: 1.3W	R: Red ●	SK–82F□30/R	0.420	
		G:Green ●	SK–82F□30/G		
		Y: Yellow ●	SK–82F□30/Y		
		W: White ○	SK–82F□30/W		
		B: Blue ●	SK–82F□30/B		
	With LED 31: AC 220V Power: 1.5W	R: Red ●	SK–82F□31/R	0.420	
		G:Green ●	SK–82F□31/G		
		Y: Yellow ●	SK–82F□31/Y		
		W: White ○	SK–82F□31/W		
		B: Blue ●	SK–82F□31/B		
	With LED 32: AC 380V Power: 2.0W	R: Red ●	SK–82F□32/R	0.420	
		G:Green ●	SK–82F□32/G		
		Y: Yellow ●	SK–82F□32/Y		
		W: White ○	SK–82F□32/W		
		B: Blue ●	SK–82F□32/B		
Revolving Warning Light Contain: A Light shade A Light holder 	With LED 23: AC/DC 24V Power: 1W	R: Red ●	SK–82Z□23/R	0.210	
		G:Green ●	SK–82Z□23/G		
		Y: Yellow ●	SK–82Z□23/Y		
		W: White ○	SK–82Z□23/W		
		B: Blue ●	SK–82Z□23/B		
	With LED 30: AC 110V Power: 1.3W	R: Red ●	SK–82Z□30/R	0.420	
		G:Green ●	SK–82Z□30/G		
		Y: Yellow ●	SK–82Z□30/Y		
		W: White ○	SK–82Z□30/W		
		B: Blue ●	SK–82Z□30/B		
	With LED 31: AC 220V Power: 1.5W	R: Red ●	SK–82Z□31/R	0.420	
		G:Green ●	SK–82Z□31/G		
		Y: Yellow ●	SK–82Z□31/Y		
		W: White ○	SK–82Z□31/W		
		B: Blue ●	SK–82Z□31/B		
	With LED 32: AC 380V Power: 2.0W	R: Red ●	SK–82Z□32/R	0.420	
		G:Green ●	SK–82Z□32/G		
		Y: Yellow ●	SK–82Z□32/Y		
		W: White ○	SK–82Z□32/W		
		B: Blue ●	SK–82Z□32/B		

Remarks: 1.If customized products sound form, please fill in the form of sound in "□" S; Common buzzer;K: High decibel buzzer;D: Speaker
2.Please do not fill in the form without sound.
3.Product weight on this page is only resistance capacity step-down type warning light, transformer type warning light weight need to consultation.

SK-100 Round head Warning Light

Product name	Voltage level	Color	Model	Weight	Overall dimensions
Constant Warning Light Contain: A Light shade A Light holder	With LED 23: AC/DC 24V Power: 2.8W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100L□23/R SK–100L□23/G SK–100L□23/Y SK–100L□23/W SK–100L□23/B	0.210	
	With LED 30: AC 110V Power:3W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100L□30/R SK–100L□30/G SK–100L□30/Y SK–100L□30/W SK–100L□30/B	0.420	
	With LED 31:AC 220V Power:3.3W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100L□31/R SK–100L□31/G SK–100L□31/Y SK–100L□31/W SK–100L□31/B	0.420	
	With LED 32: AC 380V Power: 3.8W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100L□32/R SK–100L□32/G SK–100L□32/Y SK–100L□32/W SK–100L□32/B	0.420	
Flashing Warning Light Contain: A Light shade A Light holder	With LED 23: AC/DC 24V Power: 2.8W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100F□23/R SK–100F□23/G SK–100F□23/Y SK–100F□23/W SK–100F□23/B	0.210	
	With LED 30: AC 110V Power: 3W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100F□30/R SK–100F□30/G SK–100F□30/Y SK–100F□30/W SK–100F□30/B	0.420	
	With LED 31:AC 220V Power:3.3W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100F□31/R SK–100F□31/G SK–100F□31/Y SK–100F□31/W SK–100F□31/B	0.420	
	With LED 32: AC 380V Power: 3.8W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100F□32/R SK–100F□32/G SK–100F□32/Y SK–100F□32/W SK–100F□32/B	0.420	
Revolving Warning Light Contain: A Light shade A Light holder	With LED 23: AC/DC 24V Power: 2.8W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100Z□23/R SK–100Z□23/G SK–100Z□23/Y SK–100Z□23/W SK–100Z□23/B	0.210	
	With LED 30: AC 110V Power: 3W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100Z□30/R SK–100Z□30/G SK–100Z□30/Y SK–100Z□30/W SK–100Z□30/B	0.420	
	With LED 31:AC 220V Power:3.3W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100Z□31/R SK–100Z□31/G SK–100Z□31/Y SK–100Z□31/W SK–100Z□31/B	0.420	
	With LED 32: AC 380V Power: 3.8W	R: Red G:Green Y: Yellow W: White B: Blue	SK–100Z□32/R SK–100Z□32/G SK–100Z□32/Y SK–100Z□32/W SK–100Z□32/B	0.420	

Remarks: 1.If customized products sound form, please fill in the form of sound in "□" S; Common buzzer;K: High decibel buzzer;D: Speaker
2.Please do not fill in the form without sound.
3.Product weight on this page is only resistance capacity step-down type warning light, transformer type warning light weight need to consultation.

SK-40/60 Round head Warning Light

Model Label

SK — □ 1 2 / 3 4 / 5 6

Enterprise code　Product model

1 Light Form

Form	Constant light	Flashing light
Code	L	F

2 Sound Form

Form	No sound	Intermittent sound	Continuous sound
Code	No code	J	C

3 Layer

Layer	One layer	Two layer	Three layer	Four layer	Five layer
Code	1	2	3	4	5

4 Voltage Level

Voltage	AC/DC24V	AC/110V	AC/220V	AC/380V
Code	23	30	31	32

5 Installation Method

Code	Implication
A1	Upright installation base
A2	Upright installation with base and corner
B1	Side installation base

Code	Implication
B2	Side installation with base and corner
C1	Side installation

Code	Implication
C2	Side installation
D1	Upright installation with base and corner

6 Color Category

Color	Red	Green	Yellow	White	Blue
Code	R	G	Y	W	B

Introduction

SK-40 series warning light,Diameter is 40MM.
SK-60 series warning light,Diameter is 60MM.

This is one of a combination of sound and light warning light;
Light source adopt LED high light beads;
Light form have constant light,flash light and revolving light;
Light emitting having a combination of warp prism cutting and reflection system to enhance light propagation,
Sound volume at 1M up to 90 dB or more, even in a large work space also can transmit sound and light signals.
Widely used in machinery, fire, aviation field.

- The shell adopt imported polycarbonate plastic, bright color, high strength, good transmittance
- Emitting element integrated, reliable performance, long life
- Modular structure, simple installation, can provide a wide range of choices
- High protection grade, high brightness and high reliability, can be applied to any application environment
- Rated voltage:AC/DC24V AC100V AC220V(SK-60) AC380V
- Installation and wiring are simple, diversified installation, to adapt to different parts of the installation
- Passed the ISO9001 quality management system, CE and other relevant certification

Technical Data

Model	Operating voltage	Power	Signal line voltage	LED current	Signal line current		Color
					signal line current	Peak current	
SK–40 SK–60	AC/DC:24V	0.4W	AC/DC:24V	15mA	15mA	200mA	R: Red G: Green Y: Yellow W: White B: Blue
	AC:110V	1.5W	DC:24V	15mA	15mA	200mA	
	AC:220V	1.8W	DC:24V	15mA	15mA	200mA	
SK–60	AC:380V	2.2W	DC:24V	15mA	15mA	200mA	

Main Technical Parameters And Operating Environment

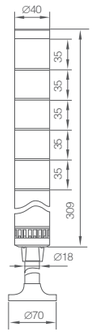
Rated voltage	AC 2500V
Rated insulation voltage	AC 690V
Maximum voltage fluctuation	± 15%Ue
Rated frequency	40Hz ~ 60Hz

Altitude	≤2000m
Relative humidity	≤98%
Degree of protection	IP54
Temperature	–30℃ ~ +50℃

Overall Dimensions

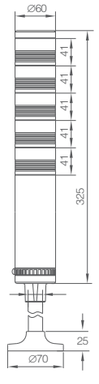
Sk-40 warning light





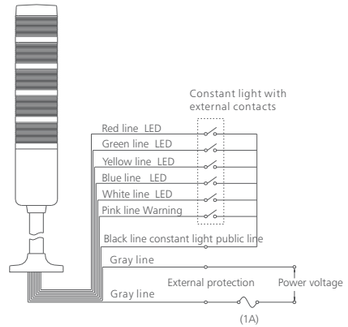
Sk-60 warning light



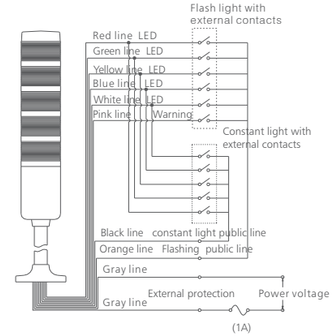


Wiring Diagram

◎ Constant Light

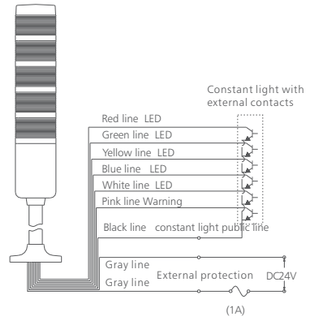


◎ Constant/Flashing light

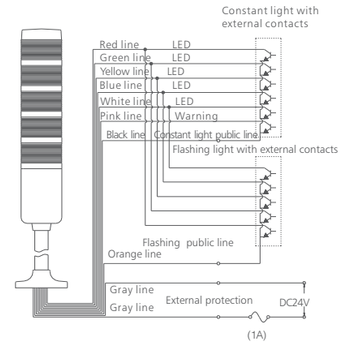


DC NPN transistor drive type

◎ Constant Light



◎ Flashing Light



NPN(PNP) transistor drive type	
Power Capacity	Ic≥100mA
Withstand voltage	Vc≥35V
Leakage Current	1L≤0.1mA

Model Label

SK — □ 1 2 / 3 4 / 5 6

Enterprise code　Product model

1 Light Form

Form	Constant light	Flashing light
Code	L	F

2 Sound Form

Form	No sound	Intermittent sound	Continuous sound
Code	No code	J	C

3 Layer

Layer	One layer	Two layer	Three layer	Four layer	Five layer
Code	1	2	3	4	5

4 Voltage Level

Voltage	AC/DC24V	AC/110V	AC/220V
Code	23	30	31

5 Installation Method

Code	Implication
A1	Upright installation base
A2	Upright installation with base and corner
B1	Side installation base

Code	Implication
B2	Side installation with base and corner
C1	Side installation

Code	Implication
C2	Side installation
D1	Upright installation with base and corner

6 Color Category

Color	Red	Green	Yellow	White	Blue
Code	R ●	G ●	Y ●	W ○	B ●

Introduction

SK-50, SK-501 Warning lamps are constant, flashing two kinds of LED light signal, the alarm buzzer long sound, short sound is optional.
LED light source adopts Highlight die, both energy but also long-lasting, with a latitude and longitude prism lampshade cutting,
can enhance the spread of light, sound source up to 90 dB or more at 1M place, while installation of connection accessory is to ensure the SK-50 warning light can be widely used in machinery, fire, aviation and other fields.

- The shell adopt imported polycarbonate plastic, bright color, high strength, good transmittance
- Emitting element integrated, reliable performance, long life
- Rated voltage:AC/DC24V AC100V AC220V,can customize other voltage.
- Passed CE and other relevant certification

Technical data

Model	Operating voltage	Power	Signal line voltage	Led current	Signal line current		Color
					signal line current	Peak current	
SK–50 SK–501	AC/DC:12V AC/DC:24V	0.4W	AC/DC:12V	15mA	15mA	200mA	R: Red ● G: Green ● Y: Yellow ● W: White ○ B: Blue ●
	AC:110V	1.7W	DC:24V	15mA	15mA	200mA	
	AC:220V	3.3W	DC:24V	15mA	15mA	200mA	

Main technical parameters and operating environment

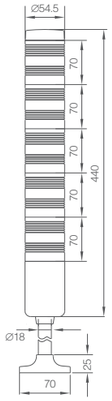
Rated voltage	AC 2500V
Rated insulation voltage	AC 690V
Maximum voltage fluctuation	± 15%Ue
Rated frequency	40Hz ~ 60Hz

Altitude	⩽2000m
Relative humidity	⩽98%
Degree of protection	IP54
Temperature	–30℃ ~ +50℃

Overall dimensions

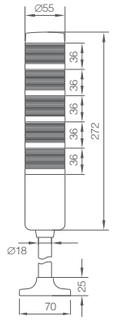
SK–50 Warning Light





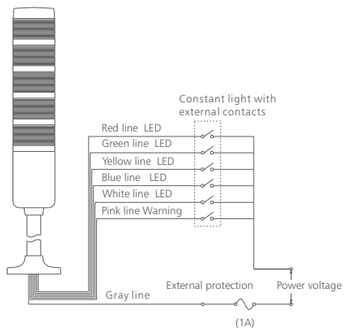
SK–501 Warning Light



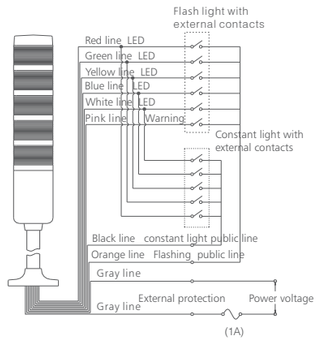


Wiring Diagram

◎ Constant Light

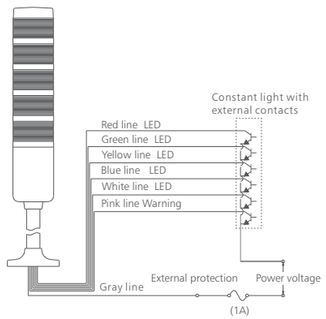


◎ Constant/Flashing light

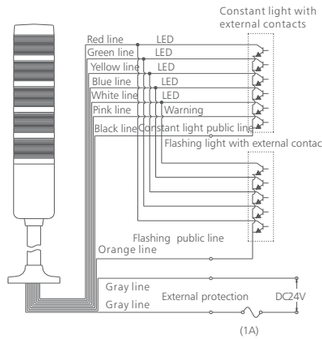


DC NPN transistor drive type

◎ Constant Light



◎ Flashing Light



NPN(PNP) transistor drive type

Power Capacity	Ic≥100mA
Withstand voltage	Vc≥35V
Leakage Current	1L≤0.1mA

Model Label

SK	—	70	1	2	/	3	4	/	5	6
Enterprise code		Product model								

1 Light Form

Form	Constant light	Flashing light
Code	L	F

2 Sound Form

Form	No sound	Intermittent sound	Continuous sound
Code	No code	J	C

3 Layer

Layer	One Layer	Two Layer	Three Layer	Four Layer	Five Layer
Code	1	2	3	4	5

4 Voltage Level

Voltage	AC/DC24V	AC/110V	AC/220V
Code	23	30	31

5 Installation Method

Code	Implication
A1	Upright installation base
A2	Upright installation with base and corner
B1	Side installation base

Code	Implication
B2	Side installation with base and corner
C1	Side installation

Code	Implication
C2	Side installation
D1	Upright installation with base and corner

6 Color Category

Color	Red	Green	Yellow	White	Blue
Code	R ●	G ●	Y ●	W ○	B ●

Single multi-color warning light up to achieve red, green and blue colors to indicate status, color transformation can be achieved by wiring control.

Introduction

SK-70 warning lights used in CNC machine tools, textile machinery, security equipment, security equipment, electrical machinery automated production lines, LED packaging, spectroscopic equipment, laser equipment, food filling equipment, ceramics processing equipment, automated warehouses and other interactive interface .

- Import LED color light source, with low current lamp bead, high brightness, light failure
- Driven by integration of SCM, multi-module share, cheap imports fell sharply; Constant,flashing, buzzer, etc. Various specifications can be customized according to customer's request
- Modular design to facilitate production, installation, purchase, replacement, repair
- Diamond prisms cutting lampshade, make the light more even, moist texture, clear and bright

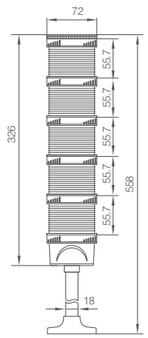
Main Technical Parameters And Operating Environment

Light source	Low-power SMD LED
Installation	Fixed base
Light Working Life	50000h
Emitting angle	120°

Rated current	20mA
Degree of protection	IP54
Surface temperature	<50℃

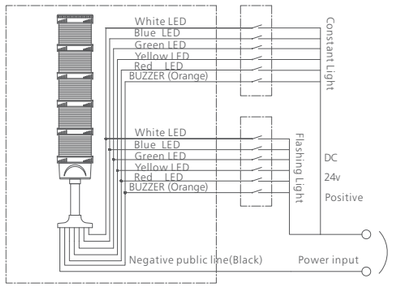
Overall Dimensions



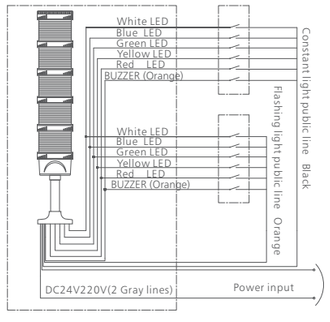


Wiring Diagram

◎ **Power direct input type**



◎ **Contact type (with signal public line)**



Model Label

SK — 70 1 2 / 3 / 4 5

Enterprise code　Product model

1 Light Form

Form	Constant light	Flashing light
Code	L	F

2 Sound Form

Form	No sound	Intermittent sound	Continuous sound
Code	No code	J	C

3 Voltage Level

Voltage	AC/DC24V	AC/110V	AC/220V
Code	23	30	31

4 Installation Method

Code	Implication
A1	Upright installation base
A2	Upright installation with base and corner
B1	Side installation base

Code	Implication
B2	Side installation with base and corner
C1	Side installation

Code	Implication
C2	Side installation
D1	Upright installation with base and corner

5 Color Category

Color	Red	Green	Yellow	White	Blue
Code	R ●	G ●	Y ●	W ○	B ●

Single multi-color warning light up to achieve red, green and blue colors to indicate status, color transformation can be achieved by wiring control.

Introduction

SK-70 warning lights used in CNC machine tools, textile machinery, security equipment, security equipment, electrical machinery automated production lines, LED packaging, spectroscopic equipment, laser equipment, food filling equipment, ceramics processing equipment, automated warehouses and other interactive interface .

- Import LED color light source, with low current lamp bead, high brightness, light failure
- Driven by integration of SCM, multi-module share, cheap imports fell sharply; Constant,flashing, buzzer, etc. Various specifications can be customized according to customer's request
- Modular design to facilitate production, installation, purchase, replacement, repair
- Diamond prisms cutting lampshade, make the light more even, moist texture, clear and bright

Main Technical Parameters And Operating Environment

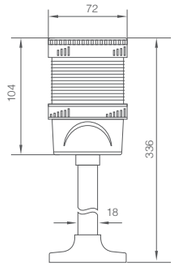
Light source	Low-power SMD LED
Installation	Fixed base
Light Working Life	50000h
Emitting angle	120°

Rated current	20mA
Degree of protection	IP54
Surface temperature	<50℃

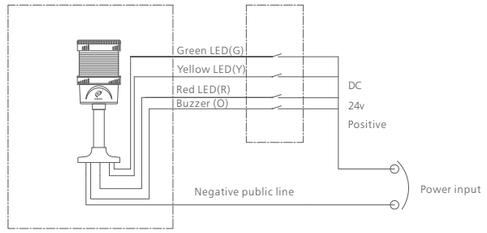
SK-70 Single-level Warning Light

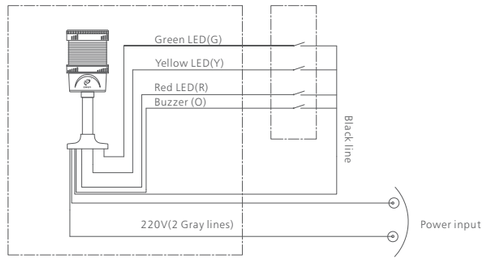
Overall dimensions



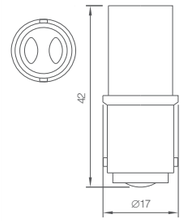
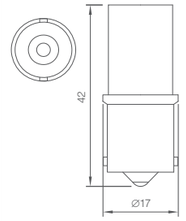
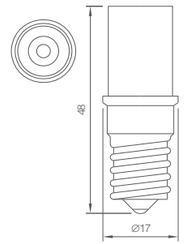


Wiring Diagram





SK Series Led Light Bulb

Product name	Voltage level	Color	Model	Weight	Overall dimensions
	23: AC/DC 24V Power: 0.4W LED Current:15mA	R: Red	SK–BA15D23/R	0.006	
		G:Green	SK–BA15D23/G		
		Y: Yellow	SK–BA15D23/Y		
		W: White	SK–BA15D23/W		
		B: Blue	SK–BA15D23/B		
	30: AC 110V Power: 1.7W LED Current: 15mA	R: Red	SK–BA15D30/R	0.006	
		G:Green	SK–BA15D30/G		
		Y: Yellow	SK–BA15D30/Y		
		W: White	SK–BA15D30/W		
		B: Blue	SK–BA15D30/B		
	31: AC 220V Power: 3.3W LED Current: 15mA	R: Red	SK–BA15D31/R	0.006	
		G:Green	SK–BA15D31/G		
		Y: Yellow	SK–BA15D31/Y		
		W: White	SK–BA15D31/W		
		B: Blue	SK–BA15D31/B		
	23: AC/DC 24V Power: 0.4W LED Current:15mA	R: Red	SK-BA15S23/R	0.006	
		G:Green	SK-BA15S23/G		
		Y: Yellow	SK-BA15S23/Y		
		W: White	SK-BA15S23/W		
		B: Blue	SK-BA15S23/B		
	30: AC 110V Power: 1.7W LED Current: 15mA	R: Red	SK-BA15S30/R	0.006	
		G:Green	SK-BA15S30/G		
		Y: Yellow	SK-BA15S30/Y		
		W: White	SK-BA15S30/W		
		B: Blue	SK-BA15S30/B		
	31: AC 220V Power: 3.3W LED Current: 15mA	R: Red	SK-BA15S31/R	0.006	
		G:Green	SK-BA15S31/G		
		Y: Yellow	SK-BA15S31/Y		
		W: White	SK-BA15S31/W		
		B: Blue	SK-BA15S31/B		
	23: AC/DC 24V Power: 0.4W LED Current:15mA	R: Red	SK–E1423/R	0.006	
		G:Green	SK–E1423/G		
		Y: Yellow	SK–E1423/Y		
		W: White	SK–E1423/W		
		B: Blue	SK–E1423/B		
	30: AC 110V Power: 1.7W LED Current: 15mA	R: Red	SK–E1430/R	0.006	
		G:Green	SK–E1430/G		
		Y: Yellow	SK–E1430/Y		
		W: White	SK–E1430/W		
		B: Blue	SK–E1430/B		
	31: AC 220V Power: 3.3W LED Current: 15mA	R: Red	SK–E1431/R	0.006	
		G:Green	SK–E1431/G		
		Y: Yellow	SK–E1431/Y		
		W: White	SK–E1431/W		
		B: Blue	SK–E1431/B		

Accessory

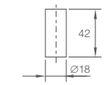
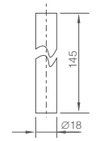
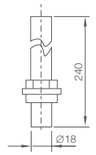
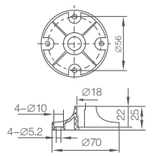
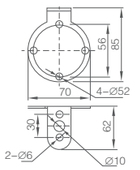
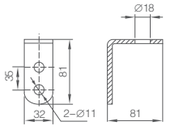
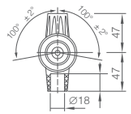


G1 G2 G3 G4 G5 G6 G7 G8

Accessories Can Freely Mix

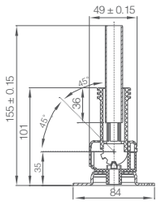


Mounting Assembly Dimensions

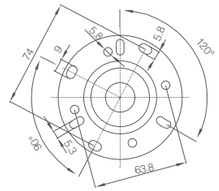
G1	G2	G3	G4
			
G5	**G6**	**G7**	**G8**
			



Latest mounting base



Structure size



Mounting dimensions

Installation



A1 A2 B1 B2 C1 C2 D1

A1:Upright installation base
A2: Upright installation with base and corner
B1:Side installation base
B2:Side installation with base and corner
C1:Side installation
C2:Side installation
D1: Upright installation with base and corner