



型号 Model

LA110 — B₂ — 1 2 3 4

设计序号
Design order

按钮代号及序号由上海电器科学研究所颁发。
Button code and serial no is issued by shanghai electrical appliance science

1 按不同头部与连接方式分B.E(B:金属头E:塑料头)
Can be classified into B.E according to different connecting piece

2 结构分类 Textural claddification	3 派生品种 Derivation type	4 规格代号 Size number	
A:平钮 A:Flat button P:防污钮 P:Anti-fouling button L:高位钮 L:High-order button	1:白 white 2:黑 black 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue	1: 常开 NO 2: 常闭 NC 3: 二常开 two NO 4: 二常闭 twoNC 5: 常开+常闭 NO+NC	注: 标志钮.带标志高位钮. Mark button.high-order button with mark ● BA(L)3311 ● BA(L)3361 ⊙ BA(L)3341 ● BA(L)3351 ● BA(L)4322 ● BA(L)4342
C: Φ40蘑菇头自复钮 C: Φ40mushroom self-reset button R: Φ60蘑菇头自复钮 R: Φ60mushroom self-reset button	2:黑 black 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue		
S: 蘑菇头自锁, 转动复位 S: Mushroom self-lock reset after turning	4:Φ30 5:Φ40 6:Φ60	2: 常闭 NC	_____
S: 蘑菇头自锁, 钥匙顺时转复位 S: Mushroom self-lock with key to release	7:Φ30 84:Φ40 1:Φ40 94:Φ60 2:Φ60	2: 常闭 NC	_____
T: Φ40推拉式紧急钮 T: Φ40Push and pull type emergency button X: Φ60推拉式紧急钮 X: Φ60 Push and pull type emergency button		2: 常闭 NC 5: 常开+常闭 NO+NC	_____
D:短柄旋钮 D: Short handle turn button J:长柄旋钮 J: Long handle turn button G:钥匙钮 G: Key button	2:二位置锁定 Two position lock 3:三位置锁定 Three position lock 4:二位置复位 self rest on the two position 5:三位置复位 self rest on the three position	1: 常开 NO 2: 常闭 NC 3: 二常开 two NO 4: 二常闭 twoNC 5: 常开+常闭 NO+NC	_____
W3:带灯旋钮 W3: Turn button with light	1:白 white 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue	6:直接式 Flat type 7:电阻式 Resistance type 4:变压器式 Transformer type	1:常开 NO 2:常闭 NC 5:常开+常闭 NO+NC
L8:双位按钮 L8:Two position push button L9:双位按钮, 带防护罩 L9:Two position push button	3:一般钮 Push button 4:一般钮+高钮 带标志 Push button+high button	2:双位按钮 Two position push button 6:直接式 Flat type 7:电阻式 Resistance type 4:变压器式 Transformer type	5:常开+常闭 NO+NC
W8:双位带灯按钮 W8:Two position push button with light			
v:信号灯 Indicator lamp	4:220V变压器式 Trans for mer type 5:380V变压器式 Trans for mer type 6:直接式 Flat type 7:电阻式 Resistance type	1:白 white 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue	_____
BE:附件 (无结构分类号) Annex (no structure & class)	101:常开接触组 NO contact group 102:常闭接触组 NC contact group	_____	_____

主要技术参数 Main technological parameter

额定绝缘电压 U_i (V)	400					
约定发热电流 I_{th} (A)	10					
工频耐压 Withstand voltage	2500V AC, 1分钟 One minute					
触点电阻 Contact resistance	$\leq 50m\Omega$ (初始值), (initial value)					
机械寿命 mechanical life	平头式.蘑菇头式100万次, 带灯式30万次.其它10万次 Flat type.mushroom type 1000,000.double-heads type 300,000 AC 100,000					
电寿命 Electrical life	平头式.蘑菇头式.双头式AC50万次, DC20万次, 其余10万次 Flat type.mushroom type.double-heads type AC 500,000 DC 200,000 other 200,000					
防护等级 Level of protection	IP40					
额定工作电压 U_e (V)	380	220	110	48	24	
额定工作电流 I_e (A)	AC-15	2.5	4.5	6	8	-
	DC-13	-	0.3	0.6	1.3	2.5

额定电压 Rated voltage (V)	直接式 Direct type							电阻式 Resistance type	变压器式 Transformer type	
	6	12	24	48	110	220	380	220	220	380
点光源 Light source								220	220	380
LED灯 LED light	√	√	√	-	-	-	-	-	√	√
氖灯 Neon lamp	-	-	-	-	√	√	√	√	-	-
白炽灯 Incandescence light	√	√	√	√	√	√	√	-	√	√

正常工作条件

周围空气温度位 $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$,24小时内其平均值不超过 $+35^{\circ}\text{C}$;

海拔高度: 安装地点的海拔不超过2000m;

大气条件: 最高温度为 $+40^{\circ}\text{C}$ 时, 空气的相对湿度不超过50%, 在较低的湿度下可以允许有较高的相对湿度, 例如 $+20^{\circ}\text{C}$ 时达90%。对由于温度变化偶尔产生的凝露应采取特殊的措施;

污染等级: 3级

安装类别: II类

Normal working condition

Air temperature range: $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$, the average temperature: $\leq +35^{\circ}\text{C}$;
Altitude height no more than 2000m in used place;

Air condition when the highest temperature is $+40^{\circ}\text{C}$, relative humidity is no more than 50%. Allowed to have higher relative humidity under lower. For example, when $+20^{\circ}\text{C}$, the relative humidity is 90%. Further more, considering that it sometimes appears moderate condensation on product's surface;

Class of pollution: 3;

Class of installation: II.

结构与性能

金属式按钮采用防窜动操作头, 按钮不能从正面拆下;

所有触点都有切换电路和自洁的双重作用, 在低电压和小电流(5V, 5mA)使用中仍然能保证接触的可靠性;

常开和常闭接触组互相独立, 使用时可按需要进行组合, 便于更换;
隐蔽式接线端子, 更加安全可靠。金属头式按钮操作头及其基座采用锌铝合金, 外型美观, 坚固;

带灯按钮及信号灯统一采用BA9s灯座, 可按需要选用不同光源。

Structure & character

Metal pushbutton use anti-drunkness operation head, you can't tear it down from front;

All the contacts have both functions of alternating circuit and self-cleaning, it can keep stability in low-voltage and small current 15V, 5mA;
No and NC contact group are independent, you can combine them while using them;

Connecting terminal are very safe. Metal operation pushbutton and its base are beautiful and firm because their allumden;

Pushbutton with light and indicator use Ba9s lamp holder, we can use different light source for different demand.

LA110-B₂系列按钮

Button series



名称 Name	一般按钮 Push button	防污按钮 Anti-fouling button	高位按钮 High-order button	标志按钮 Mark button
样式 Style				
运行状态 Operating Condition	瞬时型 Instantaneous type	瞬时型 Instantaneous type	瞬时型 Instantaneous type	瞬时型 Instantaneous type
型号 Model	LA110-B2-BA21 LA110-B2-BA31 LA110-B2-BA42 LA110-B2-BA11 LA110-B2-BA51 LA110-B2-BA61 LA110-B2-BA22	LA110-B2-BP21 LA110-B2-BP31 LA110-B2-BP42 LA110-B2-BP51 LA110-B2-BP61	LA110-B2-BL21 LA110-B2-BL31 LA110-B2-BL42 LA110-B2-BL51 LA110-B2-BL61 LA110-B2-BL22	LA110-B2-BA3361 LA110-B2-BA3341 LA110-B2-BA3351 LA110-B2-BA4322 LA110-B2-BA3311 LA110-B2-BA4342
颜色 Color	红 绿 黄 白 蓝 黑 R G Y W B K	红 绿 黄 蓝 黑 R G Y B K	红 绿 黄 蓝 黑 R G Y B K	红 绿 黑 白 R G K W
外型尺寸 Outline Dimensions				

说明

高位按钮带标志的

Remarks

The high-order has mark.

LA110-B₂ 系列按钮

Button series



名称 Name	蘑菇钮 Mushroom push button	紧急钮 Emergency push button	带钥匙紧急钮 Key emergency turn button	推拉式紧急钮 Push and pull type emergency button
样式 Style				
运行状态 Operating Condition	瞬时型 Instantaneous type	按压锁定，顺时针转复位 Press to lock twist clockwise to release	按压锁定，钥匙顺时针转复位 Press to lock twist clockwise key to release	按压锁定，拔出复位 press locking, evulsion resetting
型号 Model	LA110-B2-BC21 LA110-B2-BC31 LA110-B2-BC41 LA110-B2-BC51 LA110-B2-BC61 LA110-B2-BC21 LA110-B2-BC42	LA110-B2-BS442 LA110-B2-BS542 LA110-B2-BS642	LA110-B2-BS142 LA110-B2-BS242 LA110-B2-BS742	LA110-B2-BT42 LA110-B2-BX42
颜色 Color	(BC) 红 绿 黄 R G Y (BR) 红 黑 R K	红 R	红 R	红 R
外型尺寸 Outline Dimensions				

LA110-B₂系列按钮

Button series



名称 Name	短柄旋钮 Short handle turn button	长柄旋钮 Long handle turn button	钥匙钮 Key button	带灯按钮 Turn button with light
样式 Style				
运行状态 Operating Condition	自锁型 Self-locking type 自复型 Self-reset type	自锁型 Self-locking type 自复型 Self-reset type	自锁型 Self-locking type 自复型 Self-reset type	瞬动型 Instantaneous type
型号 Model	LA110-B2-BD21 LA110-B2-BD33 LA110-B2-BD41 LA110-B2-BD25 LA110-B2-BD45 LA110-B2-BD53	LA110-B2-BJ21 LA110-B2-BJ33 LA110-B2-BJ41 LA110-B2-BJ25 LA110-B2-BJ45 LA110-B2-BJ53	LA110-B2-BG21 LA110-B2-BG33 LA110-B2-BG41 LA110-B2-BG25 LA110-B2-BG45 LA110-B2-BG53	LA110-B2-BW3361 LA110-B2-BW3462 LA110-B2-BW3561 LA110-B2-BW3661 LA110-B2-BW3662
颜色 Color	红 绿 黄 白 蓝 黑 R G Y W B K	红 绿 黄 蓝 黑 R G Y B K		红 绿 黄 蓝 黑 R G Y B K
外型尺寸 Outline Dimensions				

说明

带灯按钮提供直接式如需电阻或变压器需要特殊订货;

带灯按钮提供氖泡作为光源,也可以提供LED灯珠,订货时如不说明,我们将提供氖泡。

Remarks

The button with lamp just has direct type.the separately/special order is required provided customer needs resistance type or volt transformer type;

The button with lamp takes neon tube as light source,also the LED bulb can be provided as light source,provided customer doesn't give special explanation, we would give neon tube.

LA110-B₂ 系列按钮

Button series



名称 Name	双位按钮 Two position push button	双位带灯按钮 Two position push button with light	信号灯 Indicator lamp	触点 Contact
样式 Style				
运行状态 Operating Condition	瞬动型 Instantaneous type	瞬动型 Instantaneous type		常开接触组 NO contact group 常闭接触组 NC contact group
型号 Model	LA110-B2-BL8425 LA110-B2-BL8325 LA110-B2-BL9325 LA110-B2-BL9425	LA110-B2-BW8365 LA110-B2-BW8465 LA110-B2-BW8375 LA110-B2-BW8475 LA110-B2-BW8345 LA110-B2-BW	LA110-B2-BV63 LA110-B2-BV64 LA110-B2-BV65 LA110-B2-BV66 LA110-B2-BV61	LA110-B2/1A LA110-B2/1B
颜色 Color	红 / 绿 R / G	红 / 绿 R / G	红 绿 黄 白 蓝 R G Y W B	
外型尺寸 Outline Dimensions				

说明

带灯按钮提供直接式如需电阻或变压器需要特殊订货;

带灯按钮提供氖泡作为光源, 也可以提供LED灯珠, 订货时如不说明, 我们将提供氖泡。

Remarks

The button with lamp just has direct type.the separately/special order is required provided customer needs resistance type or volt transformer type;

The button with lamp takes neon tube as light source,also the LED bulb can be provided as light source,provided customer doesn't give special explanation, we would give neon tube.

型号 Model

LA110 — B₄ — 1 2 3 4

设计序号
Design order

按钮代号及序号由上海电器科学研究所颁发。

Button code and serial no is issued by shanghai electrical appliance science

- ① 头部与触点的连接方式
The connection type of head and contact

② 结构分类 Textural claddification	③ 派生品种 Derivation type		④ 规格代号 Size number	
A:平钮 A:Flat button P:防污钮 P:Anti-fouling button L:高位钮 L:High-order button	1:白 white 2:黑 black 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue		1: 常开 NO 2: 常闭 NC 3: 二常开 two NO 4: 二常闭 twoNC 5: 常开+常闭 NO+NC	注: 标志钮.Mark button. ● BA(L)3311 ● BA(L)3361 ① BA(L)3341 ● BA(L)3351 ● BA(L)4322 ● BA(L)4342
C: Φ40蘑菇头自复钮 C: Φ40mushroom self-reset button R: Φ60蘑菇头自复钮 R: Φ60mushroom self-reset button	2:黑 black 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue			
S: 蘑菇头自锁, 转动复位 S: Mushroom self-lock reset after turning	4:Φ30 5:Φ40 6:Φ60	4:红 red	2: 常闭 NC	
S: 蘑菇头自锁, 钥匙顺时转复位 S: Mushroom self-lock with key to release	7:Φ30 84:Φ40 1:Φ40 94:Φ60 2:Φ60	4:红 red	2: 常闭 NC	注:84:Φ40 NO+NC 83:Φ30 NO+NC 86:Φ60 NO+NC
T:Φ40推拉式紧急钮 T:Φ40Push and pull type emergency button X:Φ60推拉式紧急钮 X:Φ60 Push and pull type emergency button		2:黑 black 3:绿 green	2: 常闭 NC 5: 常开+常闭 NO+NC	注:94:Φ40 NO+NC 96:Φ60 NO+NC
D:短柄旋钮 D: Short handle turn button J:长柄旋钮 J: Long handle turn button K:带灯旋钮 K: Turn button with light G:钥匙钮 G: Key button	2:二位置锁定 Two position lock 3:三位置锁定 Three position lock 4:二位置复位 self rest on the two position 5:三位置复位 self rest on the three position 7:右锁左复位 Right-lock left-reset 8:左锁右复位 left-lock right-reset		1: 常开 NO 2: 常闭 NC 3: 二常开 two NO 4: 二常闭 twoNC 5: 常开+常闭 NO+NC	注:带灯旋钮 Turn button with light B: LED 24V G: LED 48-120V M: LED 230-240V
L8:双位按钮 L8:Two position push button L9:双位按钮, 带防护罩 L9:Two position push button with protection	3:一般按钮 Push button 4:一般按钮+高钮 带标志 Push button+high button		2:双位按钮 Two position push button	5:常开+常闭 NO+NC
W8:双位带灯按钮 W8:Two position push button with light			B: LED 24V G: LED48-120V M: LED230-240V 6: 直接式 ≤250V Flat type ≤250V 7: 电阻式 Resistance type 4: 变压器式 Trans former type	5:常开+常闭 NO+NC
W3:带灯按钮 W3:position with light	1:白 white 2:黑 black 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue			3: 二常开 two NO 4: 二常闭 twoNC 5: 常开+常闭 NO+NC
v:信号灯 Indicator lamp	B: LED 24V G: LED48-120V M: LED230-240V 6: 直接式 ≤250V Flat type ≤250V 7: 电阻式 Resistance type 4: 变压器式 Trans former type		1:白 white 3:绿 green 4:红 red 5:黄 yellow 6:蓝 blue	
BE:附件 (无结构分类号) Annex (no structure & class)	101:常开接触组 NO contact group 102:常闭接触组 NC contact group			



主要技术参数 Main technological parameter

额定绝缘电压 U_i (V)	400					
约定发热电流 I_{th} (A)	10					
工频耐压 Withstand voltage	2500V AC, 1分钟 One minute					
触点电阻 Contact resistance	$\leq 50m\Omega$ (初始值), (initial value)					
机械寿命 mechanical life	平头式、蘑菇头式100万次, 带灯式30万次.其它10万次 Flat type.mushroom type 1000,000.double-heads type 300,000 AC 100,000					
电寿命 Electrical life	平头式、蘑菇头式、双头式AC50万次, DC20万次, 其余10万次 Flat type.mushroom type. double-heads type AC 500, 000 DC 200, 000 other 200,000					
防护等级 Level of protection	IP40					
额定工作电压 U_e (V)	380	220	110	48	24	
额定工作电流 I_e (A)	AC-15	2.5	4.5	6	8	-
	DC-13	-	0.3	0.6	1.3	2.5

额定电压 Rated voltage (V)	直接式 Direct type							电阻式 Resistance type	变压器式 Trans former type	
	6	12	24	48	110	220	380	220	220	380
点光源 Light source								220	220	380
LED灯 LED light	√	√	√	-	-	-	-	-	√	√
氖灯 Neon lamp	-	-	-	-	√	√	√	√	-	-
白炽灯 Incandescence light	√	√	√	√	√	√	√	-	√	√

正常工作条件

周围空气温度位 $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$,24小时内其平均值不超过 $+35^{\circ}\text{C}$;

海拔高度: 安装地点的海拔不超过2000m;

大气条件: 最高温度为 $+40^{\circ}\text{C}$ 时, 空气的相对湿度不超过50%, 在较低的湿度下可以允许有较高的相对湿度, 例如 $+20^{\circ}\text{C}$ 时达90%。对由于温度变化偶尔产生的凝露应采取特殊的措施;

污染等级: 3级

安装类别: II类

Normal working condition

Air temperature range: $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$, the average temperature: $\leq +35^{\circ}\text{C}$;
Altitude height no more than 2000m in used place;

Air condition when the highest temperature is $+40^{\circ}\text{C}$, relative humidity is no more than 50%. Allowed to have higher relative humidity under lower. For example, when $+20^{\circ}\text{C}$, the relative humidity is 90%. Further more, considering that it sometimes appears moderate condensation on product's surface;

Class of pollution: 3;

Class of installation: II.

结构与性能

金属式按钮采用防窜动操作头, 按钮不能从正面拆下;

所有触点都有切换电路和自洁的双重作用, 在低电压和小电流(5V, 5mA)使用中仍然能保证接触的可靠性;

常开和常闭接触组互相独立, 使用时可按需要进行组合, 便于更换;
隐蔽式接线端子, 更加安全可靠。金属头式按钮操作头及其基座采用锌铝合金, 外型美观, 坚固;

带灯按钮及信号灯统一采用BA9s灯座, 可按需要选用不同光源。

Structure & character

Metal pushbutton use anti-drunkness operation head, you can't tear it down from front;

All the contacts have both functions of alternating circuit and self-cleaning, it can keep stability in low-voltage and small current 15V, 5mA;
No and NC contact group are independent, you can combine them while using them;

Connecting terminal are very safe. Metal operation pushbutton and its base are beautiful and firm because their all made of zinc aluminum alloy;

Pushbutton with light and indicator use Ba9s lamp holder, we can use different light source for different demand.

LA110-B4 系列按钮

Button series



名称 Name	一般按钮 Push button	标志按钮 Mark button	防污按钮 Anti-fouling button	高位按钮 High-order button
样式 Style				
运行状态 Operating Condition	瞬时型 Instantaneous type	瞬时型 Instantaneous type	瞬时型 Instantaneous type	瞬时型 Instantaneous type
型号 Model	LA110-B4-BA21 LA110-B4-BA31 LA110-B4-BA42 LA110-B4-BA25 LA110-B4-BA35 LA110-B4-BA45 LA110-B4-BA11 LA110-B4-BA51 LA110-B4-BA61 LA110-B4-BA22 LA110-B4-BA55 LA110-B4-BA65	LA110-B4-BA3361 LA110-B4-BA3341 LA110-B4-BA3351 LA110-B4-BA3322 LA110-B4-BA3342 LA110-B4-BA3311	LA110-B4-BP21 LA110-B4-BP31 LA110-B4-BP42 LA110-B4-BP25 LA110-B4-BP35 LA110-B4-BP45 LA110-B4-BP51 LA110-B4-BP61 LA110-B4-BP55 LA110-B4-BP65	LA110-B4-BL21 LA110-B4-BL31 LA110-B4-BL42 LA110-B4-BL25 LA110-B4-BL35 LA110-B4-BL45 LA110-B4-BL51 LA110-B4-BL61 LA110-B4-BL55 LA110-B4-BL
颜色 Color	红 绿 黑 白 黄 蓝 R G K W Y B	红 绿 黑 白 黄 蓝 R G K W Y B	红 绿 黑 黄 蓝 R G K Y B	红 绿 黑 白 R G K W
外型尺寸 Outline Dimensions				

说明

高位按钮也有带标志的

Remarks

The high-order has mark.

LA110-B4 系列按钮

Button series






名称 Name	蘑菇钮 Mushroom push button	紧急钮 Emergency push button	带钥匙紧急钮 Key emergency turn button	推拉式紧急钮 Push and pull type emergency button
样式 Style				
运行状态 Operating Condition	瞬动型 Instantaneous type	按压锁定，顺时针转复位 Press to lock twist clockwise to release	按压锁定，钥匙顺时针转复位 Press to lock twist clockwise key to release	按压锁定，拔出复位 press locking, evulsion resetting
型号 Model	LA110-B4-BC21 LA110-B4-BC42 LA110-B4-BC31 LA110-B4-BC51 LA110-B4-BC61 LA110-B4-BC21 LA110-B4-BC42 LA110-B4-BC31 LA110-B4-BC51 LA110-B4-BC61	LA110-B4-BS542 LA110-B4-BS442 LA110-B4-BS642 LA110-B4-BS8445 LA110-B4-BS8345 LA110-B4-BS8645	LA110-B4-BS142 LA110-B4-BS742 LA110-B4-BS242	LA110-B4-BT21 LA110-B4-BT42 LA110-B4-BX21 LA110-B4-BX42
颜色 Color	(BC) 红 绿 黄 蓝 黑 R G Y B K (BR) 红 黑 R K	红 R	红 R	红 R
外型尺寸 Outline Dimensions				

LA110-B4 系列按钮

Button series



名称 Name	短柄旋钮 Short handle turn button	长柄旋钮 Long handle turn button	带灯按钮 Turn button with light	钥匙钮 Key button
样式 Style				
运行状态 Operating Condition	自锁型 Self-locking type 自复型 Self-reset type	自锁型 Self-locking type 自复型 Self-reset type	自锁型 Self-locking type 自复型 Self-reset type	自锁型 Self-locking type 自复型 Self-reset type
型号 Model	LA110-B4-BD21 LA110-B4-BD33 LA110-B4-BD41 LA110-B4-BD25 LA110-B4-BD45 LA110-B4-BD03 LA110-B4-BD53 LA110-B4-BD73 LA110-B4-BD83	LA110-B4-BJ21 LA110-B4-BJ33 LA110-B4-BJ41 LA110-B4-BJ25 LA110-B4-BJ45 LA110-B4-BJ03 LA110-B4-BJ53 LA110-B4-BJ73 LA110-B4-BJ83	LA110-B4-BK12 ■■■ LA110-B4-BK13 ■■■ LA110-B4-BK14 ■■■ LA110-B4-BK15 ■■■ LA110-B4-BK17 ■■■ LA110-B4-BK18 ■■■	LA110-B4-BG21 LA110-B4-BG33 LA110-B4-BG41 LA110-B4-BG25 LA110-B4-BG45 LA110-B4-BG53 LA110-B4-BG73 LA110-B4-BG83
颜色 Color	黑 K	黑 K	红 绿 黄 蓝 黑 R G Y B K	
外型尺寸 Outline Dimensions				

说明

带灯按钮型号 ■■■ 填颜色 ■■■ 填电压；

带灯按钮提供整体式LED，如需直接式，电阻式，变压器式，需特殊订货。

Remarks

Model of knob with lamp ■■■ fill colour ■■■ fill volt;

The knob with lamp can provide entirety type LED light source, provided need directly type, resistance type, volt transformer type. customer should conduct order separately.

LA110-B4 系列按钮

Button series



名称 Name	双位按钮 Two position push button	双位带灯按钮 Two position push button with light	带灯按钮 Turn button with light	信号灯 Indicator lamp
样式 Style				
运行状态 Operating Condition	瞬时型 Instantaneous type	瞬时型 Instantaneous type	瞬时型 Instantaneous type	
型号 Model	LA110-B4-BL845 LA110-B4-BL945 LA110-B4-BL835 LA110-B4-BL935	LA110-B4-BW8365 LA110-B4-BW8465	LA110-B4-BW33B5 (G5.M5) LA110-B4-BW34B5 (G5.M5) LA110-B4-BW31B5 (G5.M5) LA110-B4-BW35B5 (G5.M5) LA110-B4-BW36B5 (G5.M5)	LA110-B4-BVB3.41.5.6 LA110-B4-BVG3.41.5.6 LA110-B4-BVM3.41.5.6 LA110-B4-BV63.41.5.6 LA110-B4-BV33.41.5.6 LA110-B4-BV43.41.5.6
颜色 Color	红 / 绿 R / G	红 / 绿 R / G	红 绿 黄 蓝 黑 R G Y B K	红 绿 黄 白 蓝 R G Y W B
外型尺寸 Outline Dimensions				

说明

信号灯、带灯旋钮和双位带灯按钮提供整体式LED，如需直接式、电阻式、变压器式，需特殊订货。

Remarks

The signal lamp, button with lamp and dibit button with lamp provided entirety type LED lightsource, provided need directly type, resistance and volt transformer type, customer should conduct order separately.

LA110-B5 系列按钮

Button series



名称 Name	一般按钮 Push button	标志按钮 Mark button	防污按钮 Anti-fouling button	高位按钮 High-order button
样式 Style				
运行状态 Operating Condition	瞬时型 Instantaneous type	瞬时型 Instantaneous type	瞬时型 Instantaneous type	瞬时型 Instantaneous type
型号 Model	LA110-B5-AA21 LA110-B5-AA31 LA110-B5-AA42 LA110-B5-AA51 LA110-B5-AA61 LA110-B5-AA25 LA110-B5-AA35 LA110-B5-AA45	LA110-B5-AA3341 LA110-B5-AA3351 LA110-B5-AA3361 LA110-B5-AA4322 LA110-B5-AA4342 LA110-B5-AA3311	LA110-B5-AP21 LA110-B5-AP31 LA110-B5-AP42 LA110-B5-AP11 LA110-B5-AP51 LA110-B5-AP61	LA110-B5-AL21 LA110-B5-AL31 LA110-B5-AL42 LA110-B5-AL51 LA110-B5-AL61
颜色 Color	红 绿 黑 黄 蓝 R G K Y B	红 绿 黑 白 黄 蓝 R G K W Y B	红 绿 白 黑 黄 蓝 R G W K Y B	红 绿 黑 黄 蓝 R G K Y B
外型尺寸 Outline Dimensions				

说明

高位按钮也有带标志的

Remarks

The high-order has mark.

LA110-B5 系列按钮

Button series



名称 Name	蘑菇钮 Mushroom push button	紧急钮 Emergency push button	带钥匙紧急钮 Key emergency turn button	推拉式紧急钮 Push and pull type emergency button
样式 Style				
运行状态 Operating Condition	瞬时型 Instantaneous type	按压锁定，顺时针转复位 Press to lock twist clockwise to release	按压锁定，钥匙顺时针转复位 Press to lock twist clockwise key to release	按压锁定，拔出复位 press locking, evulsion resetting
型号 Model	LA110-B5-AC42 LA110-B5-AC21 LA110-B5-AC31	LA110-B5-AS542	LA110-B5-AS142 LA110-B5-AS8445 LA110-B5-AS6645	LA110-B5-AT42 LA110-B5-AT45
颜色 Color	红 绿 黑 R G K	红 R	红 R	红 R
外型尺寸 Outline Dimensions				

LA110-B5 系列按钮

Button series



名称 Name	短柄旋钮 Short handle turn button	长柄旋钮 Long handle turn button	钥匙钮 Key button	双位按钮 Two position push button
样式 Style				
运行状态 Operating Condition	自锁型 Self-locking type 自复型 Self-reset type	自锁型 Self-locking type 自复型 Self-reset type	自锁型 Self-locking type 自复型 Self-reset type	瞬动型 Instantaneous type
型号 Model	LA110-B5-AD21 LA110-B5-AD33 LA110-B5-AD41 LA110-B5-AD53	LA110-B5-AJ21 LA110-B5-AJ33 LA110-B5-AJ25 LA110-B5-AJ41 LA110-B5-AJ45 LA110-B5-AJ53	LA110-B5-AG21 LA110-B5-AG33 LA110-B5-AG43 LA110-B5-AG25 LA110-B5-AG53 LA110-B5-AG63	LA110-B5-AL8365 LA110-B5-AL9445
颜色 Color	黑 K	黑 K	黑 K	红 / 绿 R / G
外型尺寸 Outline Dimensions				

LA110-B5 系列按钮

Button series

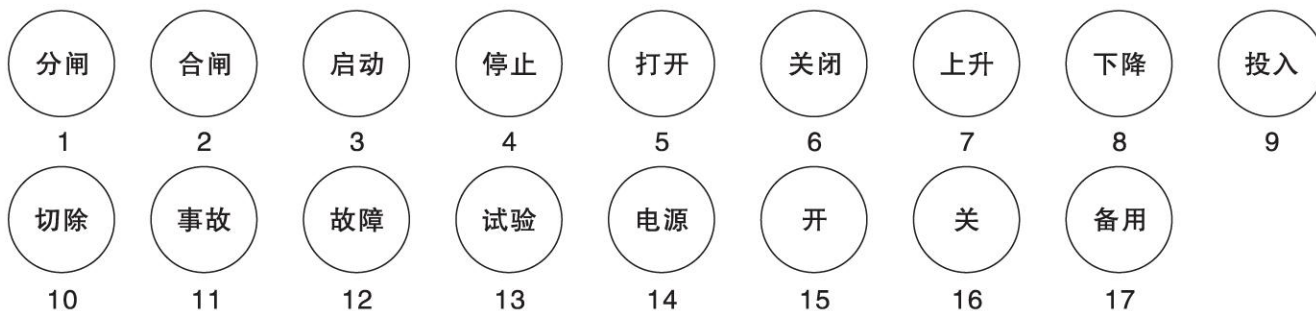


名称 Name	双位带灯按钮 Two position push button with light	带灯按钮 Turn button with light	信号灯 Indicator lamp	经济型按钮
样式 Style				
运行状态 Operating Condition	瞬时型 Instantaneous type	瞬时型 Instantaneous type	自锁型 Self-locking type 自复型 Self-reset type	
型号 Model	LA110-B5-AW33M5 LA110-B5-AW34M5 LA110-B5-AW31M5 LA110-B5-AW35M5 LA110-B5-AW36M5	LA110-B5-AV63 LA110-B5-AV64 LA110-B5-AV61 LA110-B5-AV65 LA110-B5-AV66	LA110-A2-11J LA110-A2-11JT	LA110-A2-11XJ LA110-A2-20XSJ LA110-A2-11XJ/fu LA110-A2-20XSJ/fu
颜色 Color	红 / 绿 R / G	红 绿 黄 白 黑 R G Y W K	红 绿 黄 白 蓝 R G Y W B	红 / 绿 R / G
外型尺寸 Outline Dimensions				

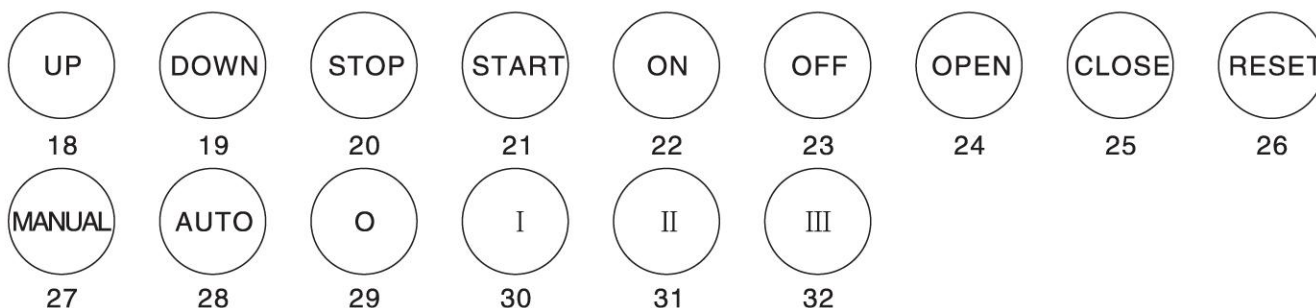
附件 ACCESSORIES

图样 Picture	名称 Name	尺寸 Size	说明 Remarks
	标牌框 Brand frame	25 × 11 25 × 18	安装在 $\phi 22$ 的指示灯、按钮上作符号指示或文字说明用。 抽出式结构，可更换标志纸。 Hang it on the push button or $\phi 22$ pilot light, for symbol or text explanation. Structure of putting put, which can change signed paper
	面板塞 Panel plug	$\phi 22$	用于装饰预留孔或多余孔 Used for decorating pre-mode hole or excess hole
	安装板 (适用A型) Installation plate	$\phi 22$	机箱面板材料为塑料时加安装板以提高强度 When panel material of maceina case is plastic, the installation plate should be added for arising strength
	带灯机构 Structure with lamp		适用于A1 A2型带灯按钮 Applicable for A1 A2 button with lamp
	LED灯珠 LED bulb	$\phi 9$	适用于B2型带灯按钮代替氖泡 Applicable for emergency button, adding caution function
	警告圈 Alarm circle	$\phi 40 \ \phi 60 \ \phi 90$	适用于紧急按钮增加警示功能 Applicable for emergency button, adding caution function
	保护圈 Protection circle	$\phi 60$	安装在按钮头部，防撞，防误动 Installed onto hesd of button, anti collision or error operating
	安装扳手 Installation olate	$\phi 22$ 信号灯 $\phi 22$ signal lamp	适用于安装指示灯.可提高安装效力和降低安装强度 Applicable for instaling indicator light.Which increases installation effcacy and decreases installation strength
	双边基座 Double-side base	11 20 02	适用于A1 A2型按钮 Applicable for A1 A2 button
	单边基座 One-side base	01 10	适用于A1 A2型按钮 Applicable for A1 A2 button
	基座 Base	10 01	适用于B2型按钮 Applicable for B2 button
	基座 Base	10 01	适用于B4型按钮 Applicable for B4 button
	变径圈 Size-change circle	$\phi 25 \ \phi 30$	可将 $\phi 22$ 指示灯安装在 $\phi 25 \ \phi 30$ 的孔上 The $\phi 22$ indicator light can be installed onto $\phi 25 \ \phi 30$ hole

中文符号 Chinese symbols



标准符号 Standard symbols



ISO符号 ISO Symbols



旋钮标牌板或标牌框印字 Typing in knob brand board or brand frame

