TELEC·IEHC® | AKATSUKI® | 益虹 为我公司旗下品牌!

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iehc®

PRODUCTS CATALOGUE
工控产品选型

- 禹鼎工业遥控器系列
- 起重机用按钮系列
- 按钮、信号灯系列



> www.iehc.cn

上海一虹电气有限公司
SHANGHAI YIHONG ELECTRIC CO.,LTD

感谢您使用益虹按钮生产的系列产品，为进一步提升产品质量及公司形象，在此期间您有任何疑问或建设性建议均可拨打我公司专线电话021-51693518，或发E-mail: iehc@qq.com，我公司专业服务人员会在24小时内为您解答，并尽可能力所能及的为您提供一切相关服务，您的满意是我们的追求和终极目标!

感触科技 / 启动未来!

COMPANY INTRODUCTION
公司简介



上海一虹电气有限公司是一家极具活力和创新精神的现代企业，公司以尖端科技实现开发、生产、销售服务于一体。经过多年的潜心经营和锐意进取，现已成为国内按钮、信号灯、起重机、电动葫芦以及成套设备配套重要企业。

公司积极同国际先进管理模式接轨，建立了一套完整、合理、先进、有效的管理体制。公司拥有雄厚的技术力量，并注重新产品的开发和研制，使科技成为我们的第一生产力，精湛的生产工艺，严格的管理体系以及精确到位的服务，使公司的产品通过欧共体CE认证、国家CCC认证和 ISO9001 国际质量体系。

凭借卓越的好质量和良好的信誉使我们赢得了市场，创立了“益虹”品牌。目前我们的产品已经行销全国各地，还大量出口到东南亚、中东、欧美等国家和地区。

未来属于科技，科技成就未来！我们将继续坚持以“质量第一，服务至上”为企业宗旨，争创同行业领先地位，不断进取、创新，为广大客户提供更高品质的产品和更真诚的服务。

Yihong Electric Co.,Ltd. is located in the great low-voltage appliance market-Liushi Town Wenzhou city. With convenient transportion, we can supply switches with buttons, crane buttons, indication lamps, energy-saving signal lamps. Control boxes. Breakers and other series of products.

Our company owns abundant technical power and advanced production technology, and also has introduced advanced technologies and production equipment from abroad. Our products have passed CCC authentication. At the same time. we also provide satisfying consultations. products and services for the clients worldwide. Now our products have been sold to all places in the country. and exported to the Middle East, South east Asia. Africa. Europe and South and North America.

Attaching most importance to credibility, we have always been sticking to the notion of sincere cooperation and common development, dedicating to developing long-term and friendly cooperation relationship with domestic and foreign clients.
We sincerely welcome clients both new and old to visit our company, and we will provide best products in competitive prices, and credible, high-quality and highly effective services for you as always.

感触科技 / 启动未来!

遥控器、按钮、信号灯专业供应商



>www.iehc.cn

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Shanghai YIHONG Electric

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08~29



吊机控制站系列
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YHJ 金属按钮系列
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F21 系列超轻工业用遥控器
F21 Remote controller for industrial use

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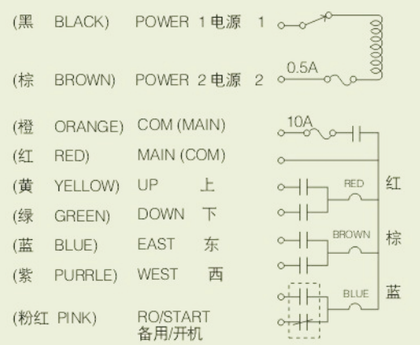
产品特点

- 广泛适用于各种工业设备；
- 防水等级达IP65；
- 玻璃纤维外壳结构，坚固耐用；
- 超宽操作温度范围-35℃~+80℃；
- 低耗电设计，2个1.5V5号电池；
- 结合汉明码，自我检测及不重复的32位元识别码；
- 操作距离依机种不同可达50-100公尺。

F21-4S

4个单速按键，1个紧急开关，1个开机按键
尺寸: 156X61X51mm

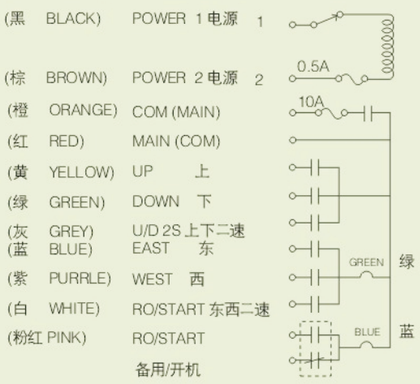




F21-4D

4个双速按键，1个紧急开关，1个开机按键
尺寸: 156X61X51mm





上海一虹按钮
Shanghai Yihong Push button

F21 系列超轻工业用遥控器
F21 Remote controller for industrial use

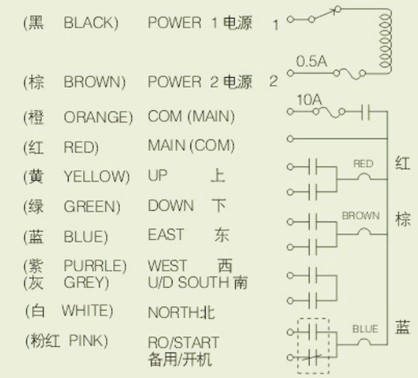
TELEC·IEHC®

遥控器系列

F21-E1B

6个单速按键，1个紧急开关，1个开机按键
尺寸: mm

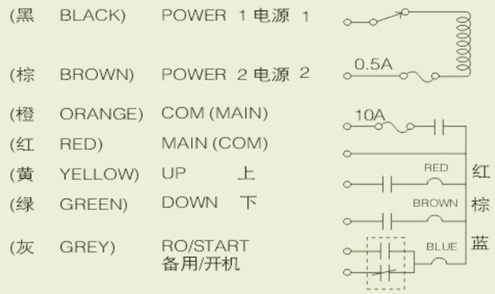




F21-2S

2个单速按键，1个开机按键
尺寸: 130X45X22mm

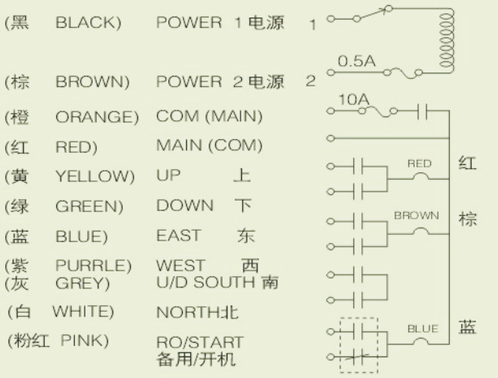




F21-E1

6个单速按键，1个紧急开关，1个开机按键
适用于单钩单速行车使用





F23工业用无线电遥控器
F23 Remote controller for industrial use

TELEC·IEHC®

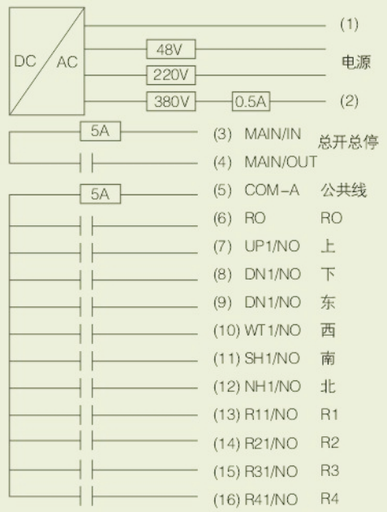
产品特点

- 弹性化设计；可自行DIY组装；　　IP65防水、防尘等级；
- 操作功能均可通过F23软体设定；　　超宽操作温度范围-35°C~+80°C。
- 发射及接收机构为内藏式天线 (接收机可另行加装附件；被动天线)
- 多重安全保护设计的汉明码及32位元不重复识别码；

F23-BB

10个单速按键，1个紧急开关，1个开机按键
尺寸: 218X60X60mm　　适用于MD葫芦

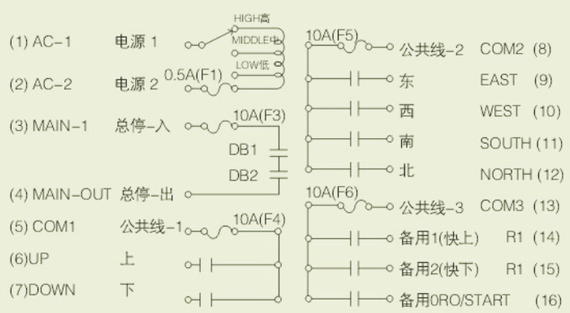




F23-A+ +

8个单速按键，1个紧急开关，1个开机按键
尺寸: 218X60X60mm　　适用于MD葫芦





F23工业用无线电遥控器
F23 Remote controller for industrial use

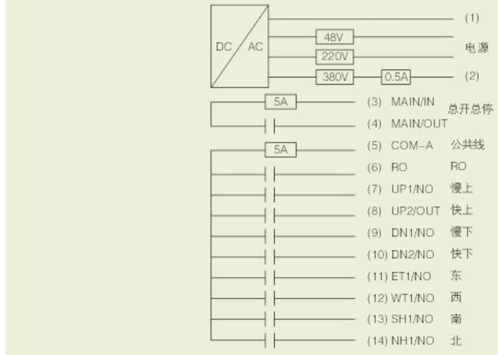
TELEC·IEHC®

遥控器系列

F23-A+

6个单速按键，其中上下为双速、1个紧急开关，
1个开机按键，适用于MD葫芦
尺寸: 218X60X60mm　重量: 350~365克

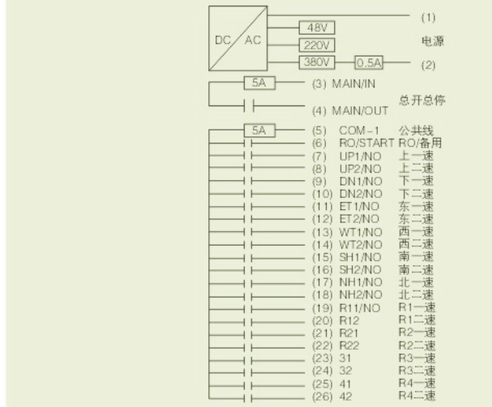




F23-D

10个双速按键，1个紧急开关，1个开机按键
尺寸: 218X60X60mm　重量: 350~365
适用于单/多速行车使用

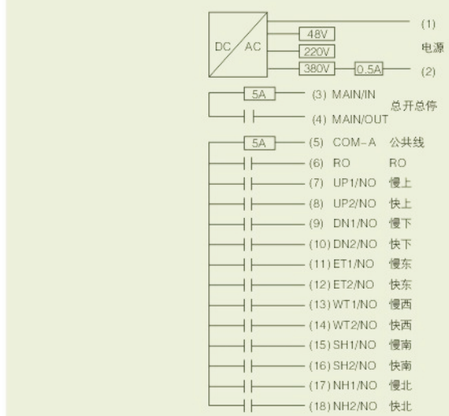




F23-C

6个双速按键，1个紧急开关，1个开机按键
尺寸: 218X60X60mm　重量: 350~365
适用于单/多速行车使用





BF24 防爆系列/F24工业用无线电遥控器
BF24 Remote controller for industrial use

TELEC·IEHC®

遥控器系列

产品特点

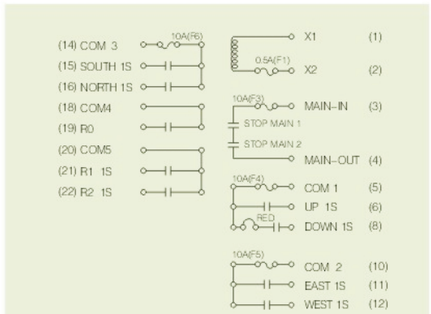
轻巧耐用安全稳定；IP65防水防尘等级；
尼龙加钎的强化塑料外壳，可防止摔落及强力碰撞所造成的损坏；
低耗电(使用两颗5号AA碱性电池，平均使用寿命达2个月)；
可轻曲PC软件设定多种按键功能，能满足各种操作需求；
接收机含输出电缆，安装简单、快速；
多重安全保护设计；汉明码、看门狗线路及32位元不重复识别码。



适用单钩单速/多速行车使用

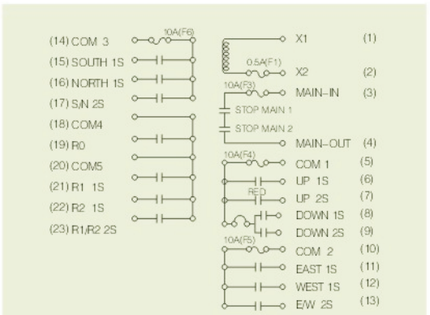
F24–8S

8个单速按键、1个紧急开关、1个开机键、1个旋转钥匙



F24–8D

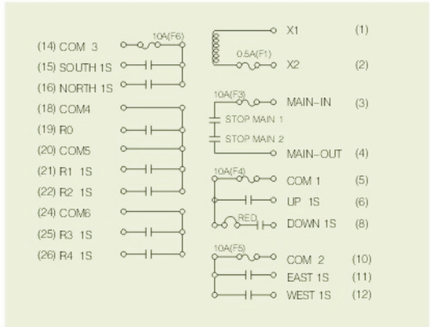
8个双速按键、1个紧急开关、1个开机键、1个旋转钥匙



F24–10S

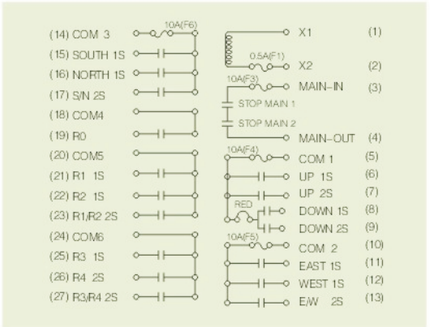
10个单速按键、1个紧急开关、1个开机键、1个旋转钥匙





F24–10D

10个双速按键、1个紧急开关、1个开机键、1个旋转钥匙

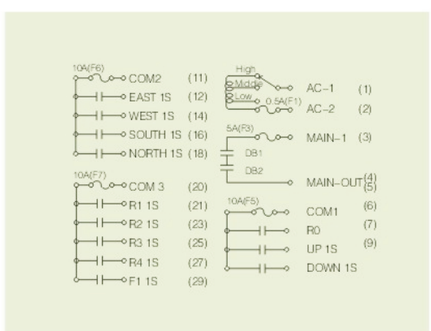


F24–12S

11个单速按键、1个紧急开关、1个开机键、1个旋转钥匙

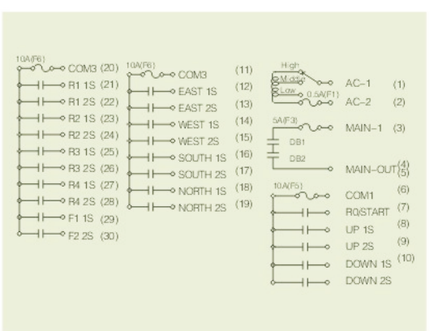


适用于单梁/双梁双钩、
双速/多速行车使用



F24–12D

11个双速按键、1个紧急开关、1个开机键、1个旋转钥匙



F24-60五速双摇杆工业用无线电遥控器
F24–60Remote controller for industrial use

TELEC·IEHC®

遥控器系列

产品特点

- 轻巧耐用安全稳定；
- 可程式化输出设定，经由软体设定单一动作可达16个输出点；
- 操作距离可达100公尺；
- 尼龙加钎的强化塑胶外壳，可防止摔落及强力碰撞所造成之损坏；
- 接收机含输出电缆线，安装简单，快速；发射机三段式电源指示；
- 可规划加速延迟设定(使天车运转更顺畅)；
- 多重安全保护设计：汉明码、看门狗线路32位元不重复识别码。





☆发射机
2只五速段落感摇杆
6个单速按键(含开机键
1个紧急停止蘑菇头
1个旋转钥匙、
2个2段式选择开关
2个3段式选择开关
适用于多钩多速复杂功能
超重机械或相应工业控制

Common line	Relay contact	Command	Wire NO	Remark
	F10.5A	AC–1	2–1	
		AC–2	2–2	
	F3 10A	MAIN–IN	2–3	
	DB1 DB2	MAIN–OUT	2–4	
F4 10A		COM1	2–21	
F7 10A		COM2	2–22	
F5 10A		COM3	2–23	
F6 10A		COM4	2–23	
	Ry1	F1	1–1	
	Ry2	R0/START	1–2	
	Ry3	R1	1–3	
	Ry4	R2	1–4	
	Ry5	R3	1–5	
	Ry6	R4	1–6	
	Ry7	SWA	1–7	
	Ry8	SW BA	1–8	
	Ry9	SW BB	1–9	
	Ry10	SW CA	1–10	
	Ry11	SW CB	1–11	
	Ry12	SW D	1–12	
	Ry13	1Y(U)1	1–13	
	Ry14	1Y(D)1	1–14	
	Ry15	1Y(U/D)2	1–15	
	Ry16	1Y(U/D)3	1–16	
	Ry17	1Y(U/D)4	1–17	
	Ry18	1Y(U/D)5	1–18	
	Ry19	1X(L)1	1–19	
	Ry20	1X(R)1	1–20	
	Ry21	1X(L/R)2	1–21	
	Ry22	1X(L/R)3	1–22	
	Ry23	1X(L/R)4	1–23	
	Ry24	1X(L/R)5	1–24	
	Ry25	2Y(U)1	2–25	
	Ry26	2Y(D)1	2–6	
	Ry27	2Y(U/D)2	2–7	
	Ry28	2Y(U/D)3	2–8	
	Ry29	2Y(U/D)4	2–9	
	Ry30	2Y(U/D)5	2–10	
	Ry31	2X(L)1	2–11	
	Ry32	2X(R)1	2–12	
	Ry33	2X(L/R)2	2–13	
	Ry34	2X(L/R)3	2–14	
	Ry35	2X(L/R)4	2–15	
	Ry36	2X(L/R)5	2–16	
	Ry37	(AUX)1	2–17	
	Ry38	(AUX)2	2–18	
	Ry39	(AUX)3	2–19	
	Ry40	(AUX)4	2–20	

SAGA1工业用无线电遥控器
SAGA1 Remote controller for industrial use

TELEC·IEHC®



SAGA1-K1/K2

8个单双按键含旋转钥匙
急停钮和报警蜂鸣器



SAGA1-K3/K4

12个单双按键，A/B 开关，
含旋转钥匙，急停钮和报警蜂鸣器

符合欧体4级安规(EN-ISO13849-1 Cat.)；继电器接点侦测；接收机警报蜂鸣器；接收机提供输出电缆让您轻松且快速的完成安装；
F型接收机天线方便延伸外接

一般规格

操作频道	70个	
识别码	超过100万种组合	
频道间隔	25KHz	
汉明码长度	>4	
外壳	强化加玻璃纤维	
工作温度范围	-40°C~+85°C	
操作距离	可达100公尺	
发射机		
电源	“AA”电池4个	
发射功率	小于10毫瓦	
尺寸(公厘)	163X49X45(SAGA1-K1/K2)	274X77X42(SAGA1-K3/K4)
重量(公克)	约210(SAGA1-K1/K2)	约385(SAGA1-K3/K4)
接收机		
电源	24/48/110/220/380VAC(±20%)	
尺寸(公厘)	167X154X88(SAGA1-K1/K2)	310X160X95(SAGA1-K3/K4)
重量(公克)	约2100(SAGA1-K1/K2)含电机	约2900(SAGA1-K3/K4)含电机

特殊功能：

无线遥控配对: 遥控配对可透由无线电方式由接收机将功能设定、识别码及频道等资料以无线电方式传送并下载到发射机上，以执行配对之工作，此方式可避免攀爬天车之麻烦，增加安全性及方便性。
发射机功率: 发射机可依据使用者需要调整发射输出功率，共八段可供设定。
手动换频: 发射机以无线电方式遥控接收机执行换频工作，接收机接到换频指令后，即会自动搜寻一个最适合的操作频率，同时将此操作频率送回至发射机并更新发射机之操作频率。

选购配件：



● 软件与USB烧录线



● 被动天线



● SAGA1-K 拷贝机



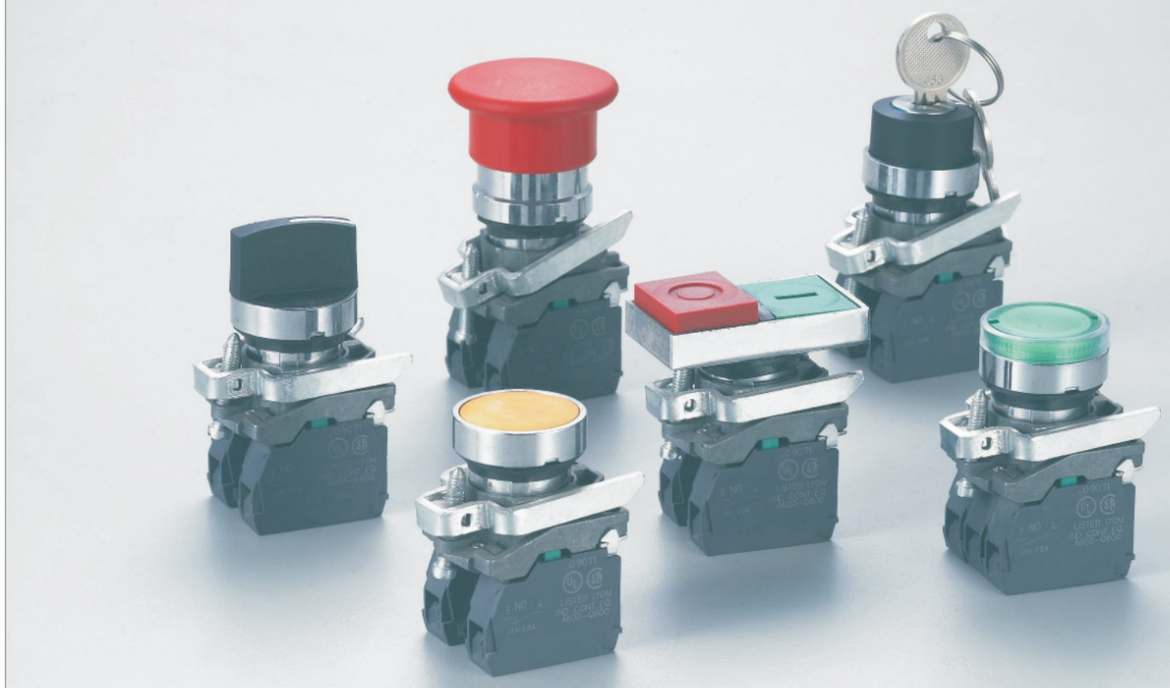
● SAGA1-K 保护套



● 12~24V DC/DC转换机

iehc®

YB2/XB2/LAY5按钮系列
YB2/XB2/LAY5 PUSHBUTTON SERIES



该系列按钮适用于电压至 660V电流50Hz的交流控制电路，直流电压低于400V，主要用于控制信号和联锁的作用。按钮的主体采用锌合金、高档抗阻燃塑料。接触采用为特殊的银合金材料，具有高抗电蚀效果

该系列信号灯是合适的电器交流电压至380V/50Hz电路，直流电压380V以下。该产品性能良好，用作指示信号、警告信号、紧急信号等产品符合GB/T14048.5和 IEC60947-5-1要求，所有产品已通过CE、ISO9001、ROHS和UL认证

□产品概述

该系列按钮适用于电压至 660V电流50Hz的交流控制电路，直流电压低于400V，主要用于控制信号和联锁的作用。
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我们的产品符合GB/T14048.5和 IEC60947-5-1要求，所有产品已通过CE、ISO9001、ROHS和UL认证。

□Products instruction

The push button series are used in controlling circuit of AC voltage up to 660V/AC 50Hz, and DC voltage below 400V. It is used for controlling signal and interlocking purposes. The main body of the push buttons adopts zinc alloy and high-grade anti-flam plastic. The contact adopts special silver alloy in order to enjoy the benefit of high anti-electrical erosion. The signal lamp series are suitable for electrical appliances circuit of AC voltage up to 380V/50Hz, and DC voltage below 380V. It is ideal for using as indicating signals, warning signals, emergency signals, etc.
Our products comply with GB/T14048.1 and IEC60947-5-1, all products are CE, IS09001, ROHS and UL certified.

□工作环境

1. 环境温度: -25℃?+55℃;
2. 空气相对湿度: ≤85%;
3. 正常工作条件: 振动频率为2-80Hz, 加速度0.7g/h;
4. 污染等级III，安装排序III，防护等级可达IP65;
5. 海拔: ≤2000米。

注意:
PG表示纯绿色，PW表示纯白色。

□Work environment

1. Surrounding temperature: -25°C~+55°C;
2. Air relative humidity: ≤85%;
3. It can be normally work under following condition: Vibration frequency is 2-80Hz and acceleration speed is 0.7g/h;
4. Pollution grade III, installation sort is III, protection grade is up to IP65;
5. Altitude: ≤2000m.

Note: PG denotes pure green; PW denotes pure white.

□主要技术参数Main technical parameter

● 按钮基本参数 Basic technical of button

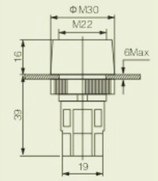
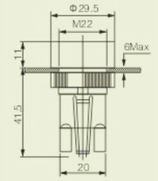
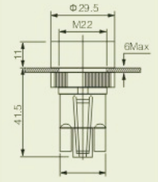
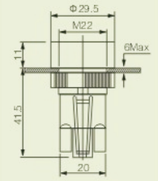
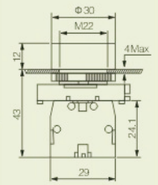
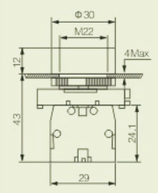
额定绝缘电压	Rated insulation voltage	AC 600V(50/60Hz)	
对流电流	Convectional current	10A	
绝缘电阻	Insulation resistance	≥50MΩ	
接触电阻	Contact resistance	≤25MinΩ	
机械寿命	Mechanical life	100×10^{5}(Pushbutton)	50×10^{5}(Selector switch/Key switches)
电气寿命	Electrical life	500×10^{5}(Pushbutton)	250×10^{5}(Selector switch/Key switches)

● 信号灯基本参数 Basic technical of signal lamp

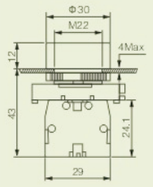
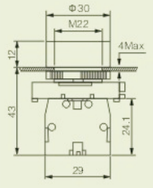
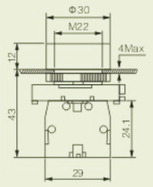
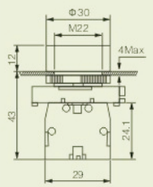
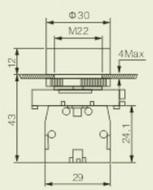
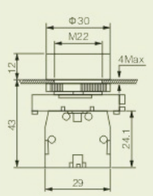
绝缘电阻	Insulation resistance	≥50MΩ
接触电阻	Contact resistance	≤25MinΩ
Pf 耐压	Pf withstand voltage	AC 2.5KV/min
电压波	Voltage wave	±20%10A
亮度	Brightness	60cd/m²
连续工作寿命	Continuous working life	100×10^{5}h

YB2/XB2/LAY5

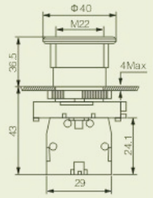
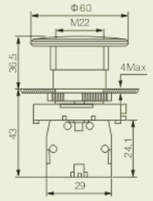
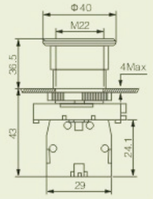
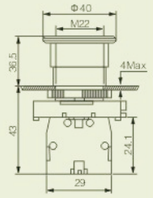
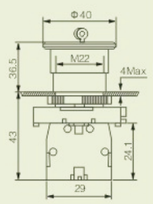
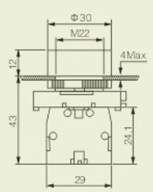
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-EV443	简易指示灯 For use with incandescent bulb(included) BA9S base fitting neno(BA9S)	230V 50~60Hz 220V~240V bulb	X1 X2	○ White ● Green ● Red ● Yellow ● Blue	YB2-EV441 YB2-EV443 YB2-EV444 YB2-EV445 YB2-EV446	
 YB2-EA142	按钮 弹簧复位 Flush button Spring return	N/O	13 11	○ White ● Green ● Green Start ● Yellow ● Blue	YB2-EA121 YB2-EA131 YB2-EA131S YB2-EA151 YB2-EA161	
		N/C	21 22	● Red ● Red Stop	YB2-EA142 YB2-EA142S	
 YB2-EA135	按钮 弹簧复位 Flush button Spring return	N/O+N/C	11 13 22 21	○ White ● Green ● Red ● Yellow	LAY5-EA125 LAY5-EA135 LAY5-EA145 LAY5-EA155	
 YB2-EH135	按钮 弹簧自持 Flush button Latching	N/O N/C N/O+N/C	11 13 22 21	○ White ● Green ● Red ● Yellow	YB2-EH131 YB2-EH142 YB2-EH135 YB2-EH145	
 YB2-EA31	按钮 弹簧复位 Flush button Spring return	N/O	13 11	○ White ● Green ● Red ● Yellow ● Blue	YB2-EA11 YB2-EA21 YB2-EA31 YB2-EA51 YB2-EA61	
		N/C	21 22	● Red	YB2-EA42	
 YB2-EA45	按钮 弹簧复位 Flush button Spring return	N/O+N/C	11 13 22 21	○ White ● Green ● Red ● Yellow ● Blue ● Red	YB2-EA15 YB2-EA25 YB2-EA35 YB2-EA55 YB2-EA65 YB2-EA45	

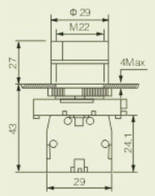
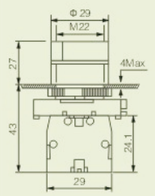
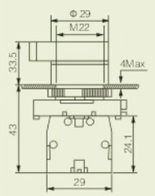
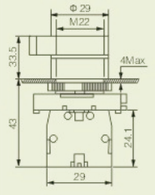
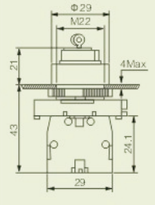
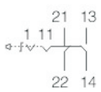
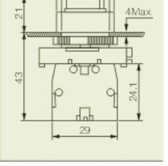
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-EP31	防水按钮 弹簧复位 Flush button (With water-poof cover) Unmarked Ip65	N/O	13 11	White Black Green Yellow Blue	YB2-EP11 YB2-EP21 YB2-EP31 YB2-EP51 YB2-EP61	
		N/C	21 22	Red	YB2-EP42	
 YB2-EA4322	标志式按钮 弹簧复位 Flush button Spring return	N/C	21 22	Red Red Stop	YB2-EA4322 YB2-EA4342	
 YB2-EA3351	标志式按钮 弹簧复位 Flush button Spring return Marked	N/O	13 14	Green Green White Black Green Start Black Start	YB2-EA3311 YB2-EA3361 YB2-EA3341 YB2-EA3351 YB2-EA5331 YB2-EA5321	
 YB2-EL42	凸头按钮 弹簧复位 Convex button Spring return	N/O	13 11	White Green Red Yellow Blue	YB2-EL11 YB2-EL21 YB2-EL31 YB2-EL51 YB2-EL61	
		N/C	21 22	Red	YB2-EL42	
 YB2-EL3341	凸头标志式按钮 弹簧复位 Convex button Spring return Marked	N/O	13 11	White Black	YB2-EL3341 YB2-EL3351	
 YB2-EL4322	按钮 弹簧复位 Flush button Spring return	N/C	21 22	Red Red Stop	YB2-EL4322 YB2-EL4342	

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

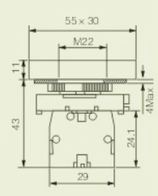
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-EC42	蘑菇头按钮 弹簧复位 Mushroom head Spring return	N/O	13 11	Black Φ40 Green Φ40	YB2-EC21 YB2-EC31	
		N/C	21 22	Red Φ30 Φ40	YB2-EC442 YB2-EC42	
 YB2-ER42	蘑菇头按钮 弹簧复位 Mushroom head Spring return	N/O	13 11	Black Φ60 Green Φ60	YB2-ER21 YB2-ER31	
		N/C	21 22	Red Φ60	YB2-ER42	
 YB2-ES542	蘑菇头按钮 转动复位 Turn to release	N/C	21 22	Red Φ30 Red Φ40 Red Φ60	YB2-ES442 YB2-ES542 YB2-ES642	
 YB2-ET42	推拉式按钮 Pushi-pull	N/C	21 22	Red Φ40	YB2-ET42	
 YB2-ES142	锁扣式蘑菇头 紧急停止按钮 Turn to release by key (Key n° 445)	N/C	21 22	Red Φ40	YB2-ES142	
 YB2-EU3341	防水标志式 按钮 With protection Spring return	N/O	13 11	White Black	YB2-EU3341 YB2-EU3351	

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

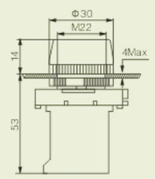
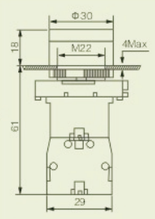
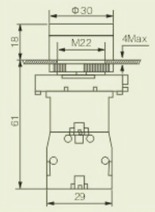
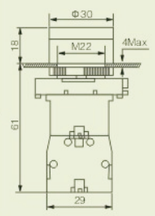
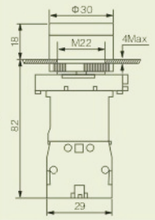
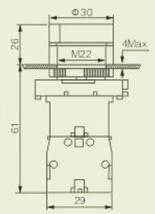
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	位置 Locality	型号 Type	外形尺寸 Dimesions
 YB2-ED21	标准手柄 Standard handle 2 position	N/O			YB2-ED21	
					YB2-ED41	
		N/O+N/C			YB2-ED25	
					YB2-ED45	
 YB2-ED33	标准手柄 Standard handle 2 position	N/O+N/O			YB2-ED33	
		N/O+N/O			YB2-ED53	
					YB2-ED73	
					YB2-ED83	
 YB2-EJ21	长手柄 Long handle 2 position	N/O			YB2-EJ21	
					YB2-EJ41	
		N/O+N/C			YB2-EJ25	
					YB2-EJ45	
 YB2-EJ33	长手柄 Long handle 2 position	N/O+N/O			YB2-EJ33	
		N/O+N/O			YB2-EJ53	
					YB2-EJ73	
					YB2-EJ83	
 YB2-EG21	钥匙开关 Key switches Key n° 455 2 position	N/O			YB2-EG21	
					YB2-EG41	
					YB2-EG61	
		N/O+N/C			YB2-EG25	
					YB2-EG45	
					YB2-EG65	
 YB2-EG33	钥匙开关 Key switches Key n° 455 3 position	N/O+N/O			YB2-EG33	
					YB2-EG53	
					YB2-EG03	
					YB2-EG73	

标记说明Description: 锁定Locked 弹簧返回Spring reset 钥匙抽出Key out

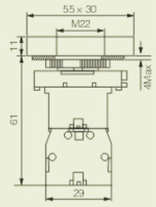
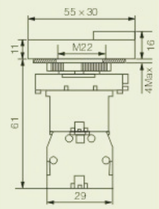
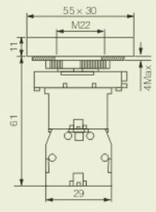
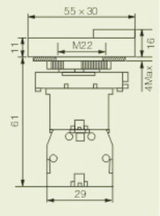
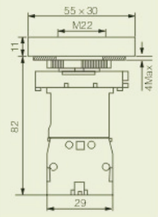
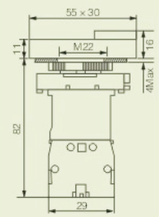
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-EL8325	双头按钮 1 flush green button 1 flush red button Unmarked Ip40 Without pilot light	N/O		Green Red	YB2-EL8325	
		N/C				
 YB2-EL8425	双头按钮 1 flush green button 1 convex red button Marked Ip40 Without pilot light	N/O		Green Red	YB2-EL8425	
		N/C				
YB2-EL9325	双头防水按钮 Without pilot light 1 flush green button 1 flush red button (with water-proof cover) Unmarked IP65	N/O		Green Red	YB2-EL9325	
		N/C				
YB2-EL9425	双头防水按钮 Without pilot light 1 flush green button 1 flush red button (with water-proof cover) Unmarked IP65	N/O		Green Red	YB2-EL9425	
		N/C				
YB2-EV63	直接式指示灯 Direct bulb included BA9S base fitting Neon LED (BA9S)	220~240V 50~60Hz		White Green Red Yellow Blue	YB2-EV61 YB2-EV63 YB2-EV64 YB2-EV65 YB2-EV66	
YB2-EV74	阻容式指示灯 Via integral resistance BA9S LED 24V bulb supplied	130V 220~240V 50~60Hz		White/PW Green/PG Red Yellow Pure Blue	YB2-EV71 YB2-EV73 YB2-EV74 YB2-EV75 YB2-EV76	

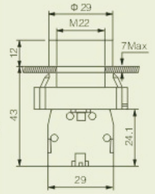
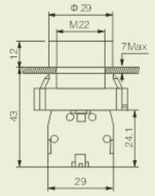
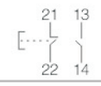
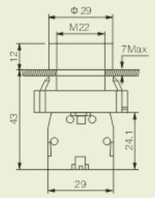
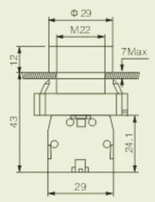
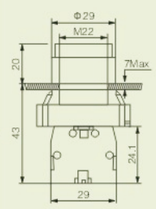
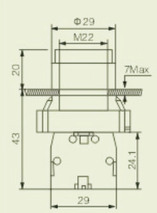
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-EV45	变压器式指示灯 Via integral transformer 1.2VA 6V BA9S bulb supplied	110~130V/60Hz 220~240V/60Hz		○ White ● Green ● Red ● Yellow ● Blue	YB2-EV31 YB2-EV33 YB2-EV34 YB2-EV35 YB2-EV36 YB2-EV41 YB2-EV43 YB2-EV44 YB2-EV45 YB2-EV46	
 YB2-EW3361	带灯按钮 Direct bulb supplied Neon LED (BA9S)	N/O 220~240V N/C	X1 X1 13 X2 X2 14 X1 X1 21 X2 X2 22	○ White ● Green ● Yellow ● Blue ● Red	YB2-EW3161 YB2-EW3361 YB2-EW3561 YB2-EW3661 YB2-EW3462	
 YB2-EW3571	带灯按钮 Via integral resistance BA9S LED 24V bulb supplied	N/O 130V 220~240V N/C	X1 13 LED X2 14 X1 21 LED LED X2 22	○ White/PW ● Green/PG ● Yellow ● Pure Blue ● Red	YB2-EW3171 YB2-EW3371 YB2-EW3571 YB2-EW3671 YB2-EW3472	
 YB2-EPW3371	带灯防水按钮 Via integral resistance BA9S bulb supplied (with water-proof cover) LED 24V (BA9S) IP65	N/O 220~240V N/C	X1 X1 13 X2 X2 14 X1 X1 21 X2 X2 22	○ White/PW ● Green/PG ● Yellow ● Pure Blue ● Red	YB2-EPW3161 YB2-EPW3171 YB2-EPW3361 YB2-EPW3371 YB2-EPW3561 YB2-EPW3661 YB2-EPW3671 YB2-EPW3462 YB2-EPW3472	
 YB2-EW3342	变压器式带灯按钮 Via integral transformer 1.2VA 6V BA9S bulb supplied	N/O 220V/50Hz N/C	X1 13 X2 14 X1 13 X2 14	○ White/PW ● Green/PG ● Yellow ● Pure Blue ● Red	YB2-EW3141 YB2-EW3341 YB2-EW3541 YB2-EW3641 YB2-EW3442	
 YB2-EK2361	带灯旋钮 2 Position stay put Standard handle Direct supply 220/240V BA9S bulb Neon LED	N/O X1 X1 X2 X2 + N/C X1 LED X2	21 13 1 11 22 14 13 23 10 11 14 24	● Green ● Yellow ● Blue ○ White ● Red	YB2-EK2361 YB2-EK2561 YB2-EK2661 YB2-EK2761 YB2-EK2461 YB2-EK2375 YB2-EK2575 YB2-EK2675 YB2-EK2775 YB2-EK2475	

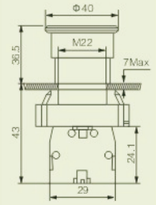
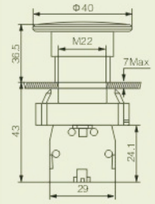
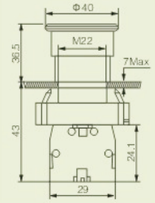
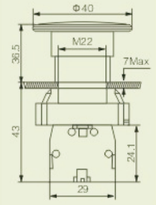
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-EW8365	双头带灯按钮 Unmarked IP40 1 flush green button 1 flush red button 1 pilot light with yellow lens direct supply 220~240V BA9S bult	N/O X1 X1 + N/C X2 X2	13 14	■ Red □ Yellow/White ■ Green	YB2-EW8365	
 YB2-EW8465	1 convex red button Marked Ip40 Neon (BA9S) LED		21 22	■ Red □ Yellow/White ■ Green	YB2-EW8465	
 YB2-EW8375	双头带灯按钮 Unmarked IP40 1 flush green button 1 flush red button 1 pilot light with yellow lens direct supply 220~240V BA9S bulb with resistance Marked IP40 24V (BA9S) LED	N/O X1 LED X1 + N/C X2 X2	13 14	■ Red □ Yellow/White ■ Green	YB2-EW8375	
 YB2-EW8475	1 convex red button 1 flush green button		21 22	■ Red □ Yellow/White ■ Green	YB2-EW8475	
 YB2-EW8345	双头带灯 带变压器按钮 Unmarked IP40 1 flush green button 1 flush red button 1 pilot light with yellow lens direct supply 220V BA9S bulb 6V via integral transformer 1.2VA 1 flush green button Marked IP40	N/O X1 13 + N/C X2 14	13 14	■ Red □ Yellow/White ■ Green	YB2-EW8345	
 YB2-EW8445			21 22	■ Red □ Yellow/White ■ Green	YB2-EW8445	

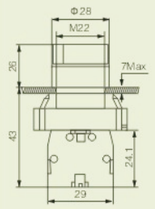
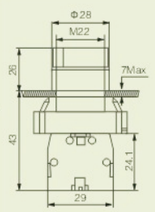
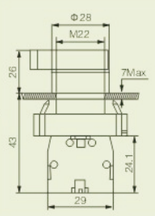
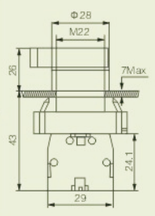
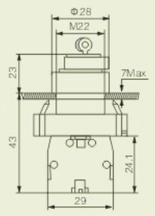
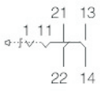
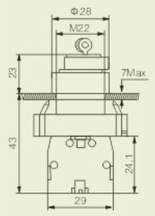
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-BA31	按钮弹簧自复 Flush button Spring return	N/O		○ White ● Black ● Green ● Yellow ● Blue	YB2-BA11 YB2-BA21 YB2-BA31 YB2-BA51 YB2-BA61	
		N/C		● Red	YB2-BA42	
 YB2-BA45	按钮弹簧自复 Flush button Spring return	N/O+N/O		● Black ● Green ● Yellow ● Blue	YB2-BA25 YB2-BA35 YB2-BA55 YB2-BA65	
		N/O+N/O		● Red	YB2-BA45	
 YB2-BP31	防水按钮 弹簧自复 Flush button (With water-proof cover) Unmarked IP65	N/O		○ White ● Black ● Green ● Yellow ● Blue	YB2-BP11 YB2-BP21 YB2-BP31 YB2-BP51 YB2-BP61	
		N/C		● Red	YB2-BP42	
 YB2-BA3351	指示按钮 弹簧自复 Flush button Spring return Marked	N/O		Green Green White Black Green Start Black Start	YB2-BA3311 YB2-BA3361 YB2-BA3341 YB2-BA3351 YB2-BA5331 YB2-BA5321	
		N/C		● Red ● Red Stop	YB2-BA4322 YB2-BA4342	
 YB2-BL31	凸头按钮 弹簧自复 Convex button Spring return	N/O		● Black ● Green ● Yellow ● Blue	YB2-BL21 YB2-BL31 YB2-BL51 YB2-BL61	
		N/C		● Red	YB2-BL42	
 YB2-BL3341	标志凸头按钮 Convex button Spring return Marked	N/O		Green Green White Black	YB2-BL3311 YB2-BL3361 YB2-BL3341 YB2-BL3351	
		N/C		● Red ● Red Stop	YB2-BL4322 YB2-BL4342	

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

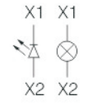
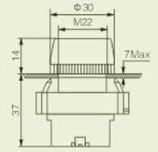
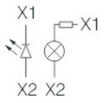
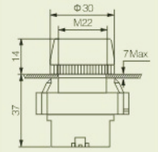
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-BC42	蘑菇头按钮 弹簧复位 Mushroom head Spring return	N/O		● Black Φ40 ● Green Φ40	YB2-BC21 YB2-BC31	
		N/C		● Red Φ40	YB2-BC42	
 YB2-BR42	蘑菇头按钮 弹簧复位 Mushroom head Spring return	N/O		● Black Φ40 ● Green Φ40	YB2-BR21 YB2-BR31	
		N/C		● Red Φ40	YB2-BR42	
 YB2-BS542	蘑菇头按钮 转动复位 Turn to release	N/C		● Red Φ30 ● Red Φ40	YB2-BS442 YB2-BS542	
 YB2-BS642	蘑菇头按钮 转动复位 Turn to release	N/C		● Red Φ60	YB2-BS642	
 YB2-BT42	推拉式按钮 Push-pull	N/C		● Red Φ40	YB2-BT42	
		N/O + N/C		● Red Φ40	YB2-BT45	
YB2-BS142	钥匙复位 蘑菇头按钮 Turn to release by key (Key n° 445)	N/C		Φ30 ● Red Φ40 Φ60	YB2-BS742 YB2-BS142 YB2-BS242	
		N/O + N/C		● Red Φ40	YB2-BS145	

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

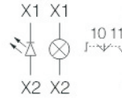
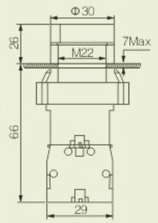
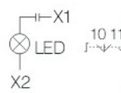
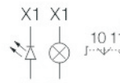
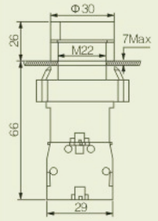
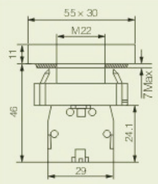
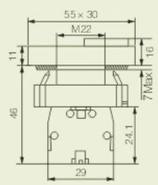
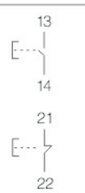
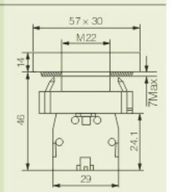
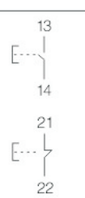
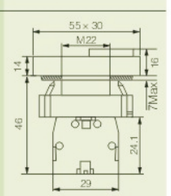
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	位置 Locality	型号 Type	外形尺寸 Dimesions
 YB2-BD21	标准手柄 Standard handle 2 position	N/O			YB2-BD21 YB2-BD41	
		N/O+N/C			YB2-BD25 YB2-BD45	
 YB2-BD33	标准手柄 Standard handle 2 position	N/O+N/O			YB2-BD33	
		N/O+N/O			YB2-BD53 YB2-BD73 YB2-BD83	
 YB2-BJ21	长手柄 Long handle 2 position	N/O			YB2-BJ21 YB2-BJ41	
		N/O+N/C			YB2-BJ25 YB2-BJ45	
 YB2-BJ33	长手柄 Long handle 2 position	N/O+N/O			YB2-BJ33	
		N/O+N/O			YB2-BJ53 YB2-BJ73 YB2-BJ83	
 YB2-BG21	钥匙开关 Key switches Key n° 455 2 position	N/O			YB2-BG21 YB2-BG41 YB2-BG61	
		N/O+N/C			YB2-BG25 YB2-BG45 YB2-BG65	
 YB2-BG33	钥匙开关 Key switches Key n° 455 3 position	N/O+N/O			YB2-BG33 YB2-BG53 YB2-BG03 YB2-BG73	

标记说明Description: 锁定Locked 弹簧返回Spring reset 钥匙抽出Key out

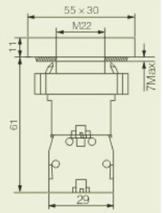
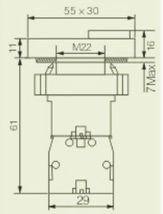
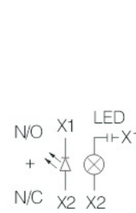
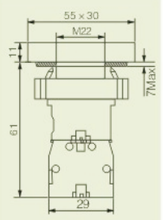
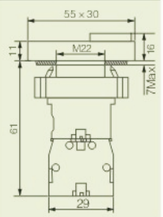
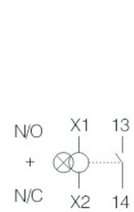
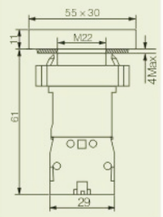
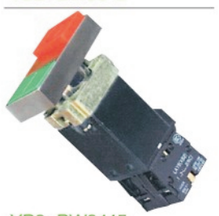
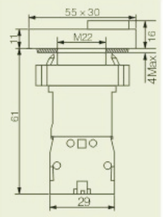
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-BV63	指示灯 Direct bulb included BA9S base fitting Neon LED	130V 220~240V 50~60Hz		○ White ● Green ● Red ● Yellow ● Blue	YB2-BV61 YB2-BV63 YB2-BV64 YB2-BV65 YB2-BV66	
 YB2-BV74	电容式指示灯 Via integral resistance BA9S LED 24V bulb supplied	130V 220~240V 50~60Hz		○ White/PW ● Green/PG ● Red ● Yellow ● Pure Blue	YB2-BV71 YB2-BV73 YB2-BV74 YB2-BV75 YB2-BV76	
YB2-BV44	变压器式指示灯 Via integral transformer 1.2VA BA9S 6V bulb supplied	220~240V 50Hz		○ White ● Green ● Red ● Yellow ● Blue	YB2-BV41 YB2-BV43 YB2-BV44 YB2-BV45 YB2-BV46	
YB2-BW3361	带灯按钮 Direct bulb supplied Neon LED (BA9S)	N/O 220~240V		○ White ● Green ● Yellow ● Blue	YB2-BW3161 YB2-BW3361 YB2-BW3561 YB2-BW3661	
		N/C 220~240V		● Red	YB2-BW3462	
YB2-BW3371	电容式带灯按钮 Via integral resistance BA9S LED 24V bulb supplied	N/O 220~240V		○ White/PW ● Green/PG ● Yellow ● Pure Blue	YB2-BW3171 YB2-BW3371 YB2-BW3571 YB2-BW3671	
		N/C 220~240V		● Red	YB2-BW3472	
YB2-BPW3361	防水式带灯按钮 Direct bulb supplied Neon LED (BA9S) (with water-proof cover) IP65	N/O 220~240V		○ White/PW ● Green/PG ● Yellow ● Pure Blue	YB2-BPW3161 YB2-BPW3171 YB2-BPW3361 YB2-BPW3371 YB2-BPW3561 YB2-BPW3571 YB2-BPW3661 YB2-BPW3671	
		N/C 220~240V		● Red	YB2-BPW3462 YB2-BPW3472	
YB2-BPW3435	变压器式按钮 Via integral transformer 1.2VA BA9S 6V bulb supplied	N/O 110~130/50Hz		○ White/PW ● Green/PG ● Yellow ● Pure Blue	YB2-BW3131 YB2-BW3331 YB2-BW3531 YB2-BW3631	
		N/C		● Red	YB2-BW3432	

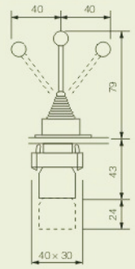
YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-BK2365	2位带灯旋钮 2 Position stay put Standard handle Direct supply Max 380V BAS9 bulb Neon LED	N/O + N/C		Green/PG Yellow Pure Blue White/PW Red	YB2-BK2365 YB2-BK2565 YB2-BK2665 YB2-BK2765 YB2-BK2465	
	2 Position stay put Standard handle Direct supply 220/240V BAS9 24V LED with resistance	N/O + N/C		Green Yellow Pure Blue White Red	YB2-BK2375 YB2-BK2575 YB2-BK2675 YB2-BK2775 YB2-BK2475	
 YB2-BK3465	3位带灯旋钮 3 Position stay put Standard handle Direct supply 220/240V BAS9 bulb Neon LED	N/O + N/C		Green/PG Yellow Pure Blue White/PW Red	YB2-BK3365 YB2-BK3565 YB2-BK3665 YB2-BK3765 YB2-BK3465	
 YB2-BL8325	双头按钮 Without pilot light 1 flush green button 1 flush red button IP40	N/O + N/C		Green/PG Red	YB2-BL8325	
 YB2-BL8425	双头按钮 Without pilot light 1 flush green button 1 convex red button Marked IP40	N/O + N/C		Green/PG Red	YB2-BL8425	
 YB2-BL9325	双头防水按钮 Without pilot light 1 flush green button 1 flush red button (with water-proof cover) Unmarked IP65	N/O + N/C		White Green Red	YB2-BL9325	
 YB2-BL9425	双头防水按钮 Without pilot light 1 flush green button 1 flush red button (with water-proof cover) Unmarked IP65	N/O + N/C		White Green Red	YB2-BL9425	

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

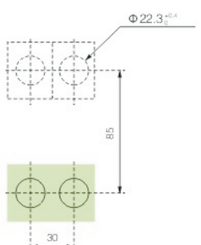
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-BW8365	双头带灯按钮 1 flush green button 1 flush red button Unmarked IP40 with pilot light yellow lens direct supply Max 380V BA9S bult Neon (BA9S)	N/O + N/C		Red Yellow/White Green	YB2-BW8365	
 YB2-BW8465	1 flush green button 1 convex red button Marked Ip40 Neon (BA9S) LED			Red Yellow/White Green	YB2-BW8465	
 YB2-BW8375	电容式 双头带灯按钮 1 flush green button 1 flush red button Unmarked with pilot light yellow lens direct supply Max 380V BA9S LED 24V bulb With resistance	N/O X1 LED X1 + N/C X2 X2		Red Yellow/White Green	YB2-BW8375	
 YB2-BW8475	1 convex red button 1 flush green button Marked IP40			Red Yellow/White Green	YB2-BW8475	
 YB2-BW8345	双头带灯 带变压器按钮 1 flush green button 1 flush red button Unmarked with pilot light yellow lens direct supply 220~240V BA9S 6V bulb With resistance	N/O X1 13 + N/C X2 14		Red Yellow/White Green	YB2-BW8345	
 YB2-BW8445	1 convex red button 1 flush green button Marked IP40			Red Yellow/White Green	YB2-BW8445	

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

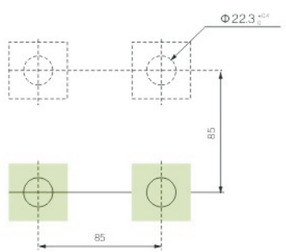
主令开关 Wobblestick	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-PA12	2位 Position 锁定 Locked	2NO	Ⓐ←○→Ⓑ		YB2-PA12	
	2位 Position 弹簧复位 Spring reset	2NO	Ⓐ←○→Ⓑ		YB2-PA22	
 YB2-PA14	2位 Position 锁定 Locked	4NO	Ⓓ Ⓐ←○→Ⓑ Ⓒ		YB2-PA14	
	2位 Position 弹簧复位 Spring reset	4NO	Ⓓ Ⓐ←○→Ⓑ Ⓒ		YB2-PA24	

安装面板厚度: 1~6mm

2位(2 Position)



4位(4 Position)



YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-EA4	平头按钮头 Flush button head	White Black Green Red Yellow Blue	YB2-EA1 YB2-EA2 YB2-EA3 YB2-EA4 YB2-EA5 YB2-EA6
 YB2-EA432	平头按钮头 Flush button head Marked	Green Green White Black Red Red	YB2-EA331 YB2-EA336 YB2-EA334 YB2-EA335 YB2-EA432 YB2-EA434
 YB2-EL4	凸头按钮头 Convex button head	Black Green Red Yellow Blue	YB2-EL2 YB2-EL3 YB2-EL4 YB2-EL5 YB2-EL6
 YB2-EL334	凸头按钮头 Convex button head Marked	Green Green White Black Red Red	YB2-EL331 YB2-EL336 YB2-EL334 YB2-EL335 YB2-EL432 YB2-EL434
 YB2-EP3	带罩按钮头 Flush button head (with water-proof cover) Unmarked	Black Green Red Yellow Blue	YB2-EP2 YB2-EP3 YB2-EP4 YB2-EP5 YB2-EP6
 YB2-EV03	指示灯头 Pilot light head	White Green Red Yellow Blue	YB2-EV01 YB2-EV03 YB2-EV04 YB2-EV05 YB2-EV06

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-ED2	标准选择开关头 Standard handle selector switch head 2-positions stay put 3-positions stay put 2-positions spring return 3-positions spring return		YB2-ED2 YB2-ED3 YB2-ED4 YB2-ED5 YB2-ED7 YB2-ED8
 YB2-EJ2	长柄选择开关头 Long handle selector switch head 2-positions stay put 3-positions stay put 2-positions spring return 3-positions spring return		YB2-EJ2 YB2-EJ3 YB2-EJ4 YB2-EJ5 YB2-EJ7 YB2-EJ8
 YB2-EG2	钥匙开关头 Key switch head 2-positions stay put 2-positions spring return		YB2-EG2 YB2-EG4 YB2-EG6
 YB2-EG3	钥匙开关头 Key switch head 3-positions stay put 3-positions spring return to centre from left or right		YB2-EG0 YB2-EG1 YB2-EG3 YB2-EG5 YB2-EG7 YB2-EG8 YB2-EG9 YB2-EG09
 YB2-ES14	钥匙蘑菇头 Mushroom head return to release by key	Black Φ40 Red Φ40 Red Φ40 Red Φ40	YB2-ES12 YB2-ES14 YB2-ES74 YB2-ES24
 YB2-ET4	推拉蘑菇头 Mushroom head Push-pull	Black Φ40 Red Φ40	YB2-ET2 YB2-ET4

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-EC4	蘑菇头 Mushroom head Spring return	Black Φ30	YB2-EC24
		Green Φ30	YB2-EC34
		Red Φ30	YB2-EC44
		Black Φ40	YB2-EC2
		Green Φ40	YB2-EC3
		Red Φ40	YB2-EC4
 YB2-ER4	蘑菇头 Mushroom head Spring return	Black Φ60	YB2-ER2
		Green Φ60	YB2-ER3
		Red Φ60	YB2-ER4
 YB2-ES44	自锁蘑菇头 Mushroom head Spring return	Black Φ30	YB2-ES42
		Red Φ30	YB2-ES44
 YB2-ES54	自锁蘑菇头 Mushroom head Spring return	Black Φ40	YB2-ES52
		Red Φ40	YB2-ES54
 YB2-ES64	自锁蘑菇头 Mushroom head Spring return	Black Φ60	YB2-ES62
		Red Φ60	YB2-ES64
 YB2-EW34	带灯按钮头 Push button with light head	White	YB2-EW31
		Green	YB2-EW33
		Red	YB2-EW34
		Yellow	YB2-EW35
		Blue	YB2-EW36

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-EL83	双头按钮头 Double-head 1 flush red button 1 flush green button Unmarked	Green	YB2-EL83 IP40
		Red	
		White	YB2-EL93 with water-proof cover IP65
		Green	
		Red	
 YB2-EL84	双头按钮头 Double-head 1 convex red button 1 flush green button marked	Green	YB2-EL84 IP40
		Red	
		White	YB2-EL94 with water-proof cover IP65
		Green	
		Red	
 YB2-EW84	双头按钮头 Double-head with lamp button 1 convex red button 1 flush green button	Red	YB2-EW83
		Yellow	
		Green	YB2-EW84
 YB2-EK23	选择开关头 Selector switch head with lamp 2-positions stay put	Green	YB2-EK23
		Red	YB2-EK24
		Yellow	YB2-EK25
 YB2-EK33	选择开关头 Selector switch head with lamp 3-positions stay put	Green	YB2-EK33
		Red	YB2-EK34
		Yellow	YB2-EK35
 YB2-EU334	平头按钮头 Flush button head IP67	White	YB2-EU335
		Black	YB2-EU334

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-BA3	平头按钮头 Flush button head	White	YB2-BA1
		Black	YB2-BA2
		Green	YB2-BA3
		Red	YB2-BA4
		Yellow	YB2-BA5
		Blue	YB2-BA6
 YB2-BA432	平头按钮头 Flush button head Marked	Green	YB2-BA331
		Green	YB2-BA336
		White	YB2-BA334
		Black	YB2-BA335
		Red	YB2-BA432
		Red	YB2-BA434
		Green	YB2-BA533
 YB2-BL4	凸头按钮头 Convex button head	Black	YB2-BL2
		Green	YB2-BL3
		Red	YB2-BL4
		Yellow	YB2-BL5
		Blue	YB2-BL6
 YB2-BL334	凸头按钮头 Convex button head Marked	Green	YB2-BL331
		Green	YB2-BL336
		White	YB2-BL334
		Black	YB2-BL335
		Red	YB2-BL432
		Red	YB2-BL434
 YB2-BP3	带罩按钮头 Flush button head (with water-proof cover) Unmarked	Black	YB2-BP2
		Green	YB2-BP3
		Red	YB2-BP4
		Yellow	YB2-BP5
		Blue	YB2-BP6
 YB2-BV05	指示灯头 Pilot light head	White	YB2-VV01
		Green	YB2-VV03
		Red	YB2-VV04
		Yellow	YB2-VV05
		Blue	YB2-VV06

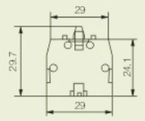
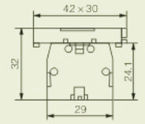
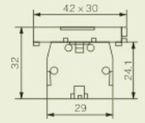
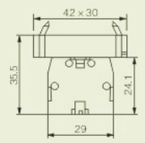
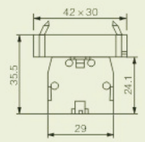
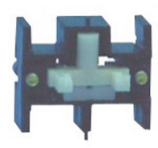
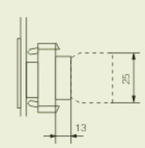
按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-BW33	指示灯头 Pilot light head with higher transparent protecting cover	Green	YB2-BW33
		Red	YB2-BW34
		Yellow	YB2-BW35
		Blue	YB2-BW36
 YB2-BK24	带灯选择开关头 Selector switch head with lamp 2-positions stay put	Green	YB2-BK23
		Red	YB2-BK24
		Yellow	YB2-BK25
 YB2-BK33	带灯选择开关头 Selector switch head with lamp 3-positions stay put	Green	YB2-BK33
		Red	YB2-BK34
		Yellow	YB2-BK35
 YB2-BD2	标准选择开关头 Standard handle selector switch head 2-positions stay put		YB2-BD2
	3-positions stay put		YB2-BD3
	2-positions spring return		YB2-BD4
	3-positions spring return		YB2-BD5
			YB2-BD7
			YB2-BD8
 YB2-BJ2	长柄选择开关头 Long handle selector switch head 2-positions stay put		YB2-BJ2
	3-positions stay put		YB2-BJ3
	2-positions spring return		YB2-BJ4
	3-positions spring return		YB2-BJ5
			YB2-BJ7
			YB2-BJ8
 YB2-BG2	钥匙开关头 Key switch head 2-positions stay put		YB2-BG2
	2-positions spring return		YB2-BG4
			YB2-BG6

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-BG3	钥匙开关头 Key switch head 3-positions stay put 3-positions spring return		YB2-EG0 YB2-EG1 YB2-EG3 YB2-EG5 YB2-EG7 YB2-EG8 YB2-EG9 YB2-EG09
 YB2-BC4	蘑菇头 Mushroom head Spring return	● Black Φ30 ● Green Φ30 ● Red Φ30 ● Black Φ40 ● Green Φ40 ● Red Φ40	YB2-BC24 YB2-BC34 YB2-BC44 YB2-BC2 YB2-BC3 YB2-BC4
 YB2-BR4	蘑菇头 Mushroom head Spring return	● Black Φ60 ● Green Φ60 ● Red Φ60	YB2-BR2 YB2-BR3 YB2-BR4
 YB2-BS44	自锁蘑菇头 Mushroom head Spring return	● Black Φ30 ● Red Φ30	YB2-BS42 YB2-BS44
 YB2-BS54	自锁蘑菇头 Mushroom head Spring return	● Black Φ40 ● Red Φ40	YB2-BS52 YB2-BS54
 YB2-BS64	自锁蘑菇头 Mushroom head Spring return	● Black Φ60 ● Red Φ60	YB2-BS62 YB2-BS64

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB2-BT4	推拉蘑菇头 Mushroom head Push-pull	○ Black Φ40 ● Red Φ40	YB2-BT2 YB2-BT4
 YB2-BS14	钥匙蘑菇头 Mushroom head return to release by key	● Black Φ40 ● Red Φ40 ● Red Φ40 ● Red Φ40	YB2-ES12 YB2-ES14 YB2-ES74 YB2-ES24
 YB2-BL83	双头按钮头 Double-head 1 flush red button 1 flush green button Unmarked	■ Green ■ Red ○ White ■ Green ■ Red	YB2-BL83 IP40 YB2-BL93 with water-proof cover IP65
 YB2-BL84	双头按钮头 Double-head 1 convex red button 1 flush green button marked	■ Green ■ Red ○ White ■ Green ■ Red	YB2-BL84 IP40 YB2-EL94 with water-proof cover IP65
 YB2-BW83	双头按钮头 Double-head with lamp 1 convex red button 1 flush green button	■ Red ■ Yellow ■ Green	YB2-BW83
 YB2-BW84	双头按钮头 Double-head with lamp 1 convex red button 1 flush green button	■ Red ■ Yellow ■ Green	YB2-BW84

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

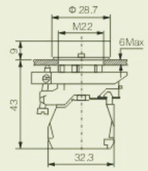
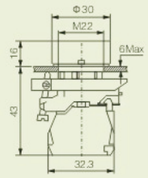
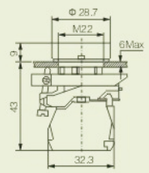
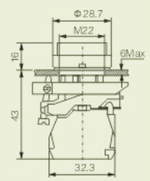
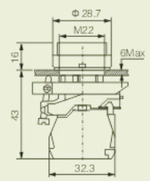
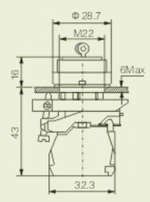
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB2-BE101 YB2-BE102	接触模块 Contact element	N/O N/C	3-4 1-2	● Green ● Red	YB2-BE101 YB2-BE102	
 YB2-EZ101	塑料托槽 接触模块 Plastic bracket+ Contact element	N/O N/O+N/O N/C+N/C	3-4 3-4 3-4 3-4 1-2	● Green ● Red	YB2-BZ101 YB2-BZ103 YB2-BZ105	
 YB2-EZ102		N/O N/C+N/C	1-2 1-2 1-2	● Red	YB2-BZ102 YB2-BZ104	
 YB2-BZ101	金属托槽 接触模块 Metal bracket+ Contact element	N/O N/O+N/O N/C+N/C	3-4 3-4 3-4 3-4 1-2	● Green ● Red	YB2-BZ101 YB2-BZ103 YB2-BZ105	
 YB2-BZ102		N/O N/C+N/C	1-2 1-2 1-2	● Red	YB2-BZ102 YB2-BZ104	
 YB2-BZ21	用于按钮(除急停按钮、选择、钥匙开关外)和带灯按钮安装于触点模块前面, 实现按-锁定-按-释放 For use with pushbuttons and illuminated pushbuttons contacts max				YB2-BZ21C	

YB2(XB2、LAY5)系列按钮
YB2(XB2、LAY5) Push button series

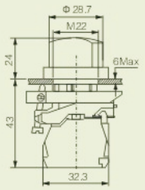
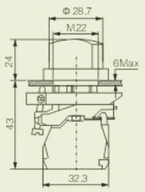
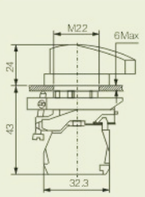
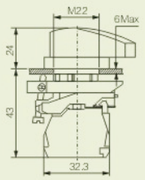
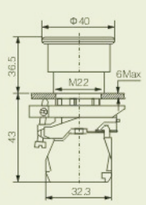
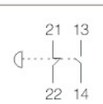
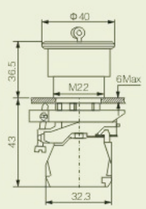
按钮 Push buttons	说明 Description		型号 Type
	按钮座 Button seat of button with lamp Direct type Neon LED(BA9S)		YB2-EV06 (without push-shaft) YB2-EW06 (with push-shaft)
	按钮座 Button seat of button with lamp Direct type Neon LED (BA9S) (Assembly contact element)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-EW06 YB2-EW061 YB2-EW062 YB2-EW063 YB2-EW064 YB2-EW065
	按钮座 Button seat of button with lamp install base BA9S resistance ≤250V Neon LED(BA9S)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-EW7 Without contact element YB2-EW071 YB2-EW072 YB2-EW073 YB2-EW074 YB2-EW075 With contact element
	按钮座 Button seat of button with lamp Install base BA9S resistance ≤250V Neon LED(BA9S)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-EW4 Without contact element YB2-EW041 YB2-EW042 YB2-EW043 YB2-EW044 YB2-EW045 With contact element
	按钮座 Button seat of button with lamp install base BA9S resistance ≤380V Neon LED(BA9S)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-EW5 Without contact element YB2-EW051 YB2-EW052 YB2-EW053 YB2-EW054 YB2-EW055 With contact element

按钮 Push buttons	说明 Description		型号 Type
	按钮座 Button seat of button with lamp Direct type Neon LED(BA9S)		YB2-BV06 (without push-shaft) YB2-BW06 (with push-shaft)
	按钮座 Button seat of button with lamp Direct type Neon LED (BA9S) (Assembly contact element)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-BW06 YB2-BW061 YB2-BW062 YB2-BW063 YB2-BW064 YB2-BW065
	按钮座 Button seat of button with lamp install base BA9S resistance ≤250V Neon LED(BA9S)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-BW7 Without contact element YB2-BW071 YB2-BW072 YB2-BW073 YB2-BW074 YB2-BW075 With contact element
	按钮座 Button seat of button with lamp Install base BA9S resistance ≤250V Neon LED(BA9S)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-BW3 Without contact element YB2-BW031 YB2-BW032 YB2-BW033 YB2-BW034 YB2-BW035 With contact element
	按钮座 Button seat of button with lamp install base BA9S resistance ≤380V Neon LED(BA9S)	N/O N/C N/O+N/O N/C+N/C N/C+N/C	YB2-BW4 Without contact element YB2-BW041 YB2-BW042 YB2-BW043 YB2-BW044 YB2-BW045 With contact element

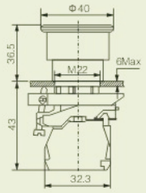
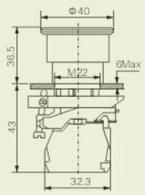
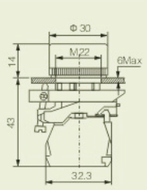
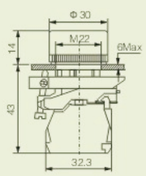
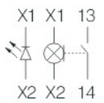
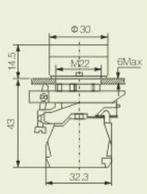
YB4系列按钮
YB4 Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB4-BA31	平钮 Flush button Spring return	N/O	13 14	White Black Green Blue Yellow	YB4-BA11 YB4-BA21 YB4-BA31 YB4-BA61 YB4-BA51	
		N/C	21 22	Red Φ40	YB4-BA42	
 YB4-BP31	带防护罩高钮 防护等级IP65 Flush button (with water-proof cover) Unmarked IP65	N/O	13 14	White Black Green Blue Yellow	YB4-BP11 YB4-BP21 YB4-BP31 YB4-BP61 YB4-BP51	
		N/C	21 22	Red Φ40	YB4-BP42	
 YB4-BA4322	带标记平钮 Flush button Spring return Marked	N/O	13 14	Green Green White Black	YB4-BA3311 YB4-BA3361 YB4-BA3341 YB4-BA3351	
		N/C	21 22	Red Red	YB4-BA4322 YB4-BA4342	
 YB4-BL4322	带标记凸钮 Convex button Spring return Marked	N/O	13 14	Green Green White Black	YB4-BL3311 YB4-BL3361 YB4-BL3341 YB4-BL3351	
		N/C	21 22	Red Red	YB4-BL4322 YB4-BL4342	
 YB4-BL42	凸钮 Convex button Spring return Unmarked	N/O	13 14	Black Green Blue Yellow	YB4-BL21 YB4-BL31 YB4-BL61 YB4-BL51	
		N/C	21 22	Red Φ40	YB4-BL42	
 YB4-BG33	LH Position	N/O	1 11 13 14	2位钥匙锁定 2 Position stay put 2位钥匙自复 2 Position spring return	YB4-BG21 YB4-BG41	
	LH and RH Position	N/O+N/C	1 11 21 13 22 14	2位钥匙锁定 2 Position stay put 2位钥匙自复 2 Position spring return	YB4-BG25 YB4-BG45	
	Center Position	N/O+N/O	1011 13 23 14 24	3位钥匙锁定 3 Position stay put 3位钥匙自复 3 Position spring return	YB4-BG33 YB4-BG73	

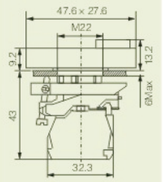
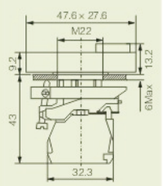
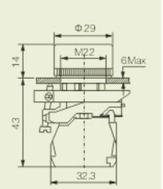
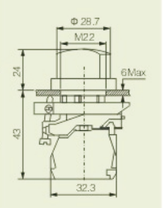
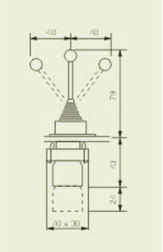
YB4 系列按钮
YB4 Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB4–BD21	标准手柄 Standard handle	N/O		2位自复 2 Position stay put 2位自锁 2 Position spring return	YB4–BD21 YB4–BD41	
		N/O+N/C		2位自复 2 Position stay put 2位自锁 2 Position spring return	YB4–BD25 YB4–BD45	
 YB4–BD33	标准手柄 Standard handle	N/O+N/O		2位自锁 2 Position stay put	YB4–BD33	
		N/O+N/O		3位自复 3 Position spring return	YB4–BD53	
 YB4–BJ41	长手柄 Long handle	N/O		2位自锁 2 Position stay put 2位自复 2 Position spring return	YB4–BJ21 YB4–BJ41	
		N/O+N/C		2位自锁 2 Position stay put 2位自复 2 Position spring return	YB4–BJ25 YB4–BJ45	
 YB4–BJ53	长手柄 Long handle	N/O+N/O		3位自锁 3 Position stay put 3位自复 3 Position spring return	YB4–BJ33 YB4–BJ53	
 YB4–BT42	蘑菇头推拉式 Push–pull	N/C		Red Φ40	YB4–BT42	
		N/O + N/C		Red Φ40	YB4–BT45	
 YB4–BS142	蘑菇头自锁 钥匙复位 Turn to release by key (Key n° 445)	N/C		Red Φ40	YB4–BS142	
		N/O + N/C		Red Φ40	YB4–BS145	

YB4 系列按钮
YB4 Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB4–BS542	蘑菇钮自锁 Turn to release	N/O		Red Φ40	YB4–BS542	
		N/O+N/C		Red Φ40	YB4–BS545	
 YB4–BC42	蘑菇钮自复 Mushroom head Spring return	N/C		Red Φ40	YB4–BC42	
		N/O		Black Φ40 Green Φ40	YB4–BC21 YB4–BC31	
 YB4–BV64	带指示灯按钮 Direct bulb included BA9S base fitting Neon LED (BA9S)	130V 220~240V 50Hz		White Green Red Yellow Blue	YB4–BV61 YB4–BV63 YB4–BV64 YB4–BV65 YB4–BV66	
 YB4–BVM□	带指示灯按钮 Direct bulb included BA9S base fitting Neon LED (BA9S)	N/O + N/C		White 7 Green 3 Red 4 Yellow 5 Blue 6 B–24V G–110V M–220V	YB4–BVB□ YB4–BVB□ YB4–BVB□ YB4–BVG□ YB4–BVG□ YB4–BVG□ YB4–BVM□ YB4–BVM□ YB4–BVM□	
 YB4–BW3361	带指示灯按钮 Direct bulb supplied Neon LED (BA9S)	N/O 130V 220~240V		White Green Yellow Blue	YB4–BW3161 YB4–BW3361 YB4–BW3561 YB4–BW3661	
		N/C		Red	YB4–BW3462	
YB4–BL8325	双头按钮头(不带灯) 1 flush green button 1 flush red button Unmarked Without pilot light IP40 1 flush green button 1 flush red button marked Without pilot light IP40	N/O+N/C		Green Red Green Red	YB4–BL8325 YB4–BL8425	

YB4 系列按钮
YB4 Push button series

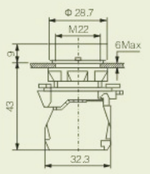
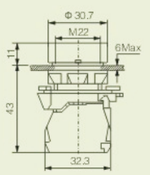
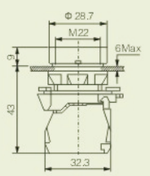
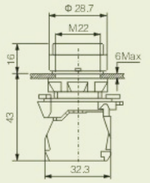
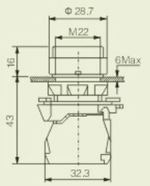
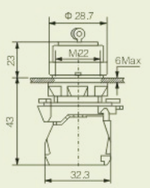
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB4–BL9325	双头防水按钮 Without pilot light 1 flush green button 1 flush red button (with water–proof cover) marked IP66	N/O + N/C	13 14	○ White ■ Green ■ Red	YB4–BL9325	
			21 22	○ White ■ Green ■ Red	YB4–BL9425	
 YB4–BW8465	双头带灯按钮 Pilot light with yellow lens direct supply 220~240V BA9S bulb marked IP40 Neon LED (BA9S)	1 flush green button 1 flush red button N/O + N/C X1 X1 X2 X2 1 flush green button 1 convex red button	13 14 21 22	■ Red ■ Yellow ■ Green B–24V G–110V M–220V	YB4–BW8365 YB4–BW83B5 YB4–BW83G5 YB4–BW83M5 YB4–BW8465 YB4–BW84B5 YB4–BW84G5 YB4–BW84M5	
 YB4–BW33M5	带灯按钮 Push button with lamp	N/O + N/C X1 X1 X2 X2	13 14 21 22	○ White ■ Green ■ Red ■ Yellow ■ Blue B–24V G–110V M–220V	YB4–BW33B5 YB4–BW34B5 YB4–BW35B5 YB4–BW33G5 YB4–BW34G5 YB4–BW35G5 YB4–BW33M5 YB4–BW34M5 YB4–BW35M5	
 YB4–BK124B5	二位旋钮带灯24V 2 Position stay put 三位旋钮带灯110V 3 Position stay put 三位旋钮带灯220V 3 Position stay put	N/O + N/C X1 X1 X2 X2	21 13 10 11 22 14	■ Green ■ Red ■ Yellow ■ Green ■ Red ■ Yellow ■ Green ■ Red ■ Yellow	YB4–BK123B5 YB4–BK124B5 YB4–BK125B5 YB4–BK133G5 YB4–BK134G5 YB4–BK135G5 YB4–BK153M5 YB4–BK154M5 YB4–BK155M5	
 YB4–PA12	2位 2 Position 4位 4 Position	N/O	Ⓐ Ⓑ Ⓓ Ⓐ Ⓑ Ⓒ		YB4–PA12 YB4–PA22 YB4–PA14 YB4–PA24	

YB4 系列按钮
YB4 Push button series

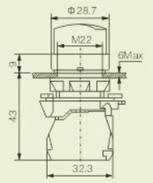
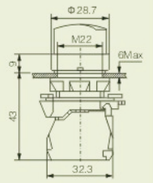
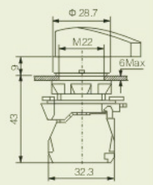
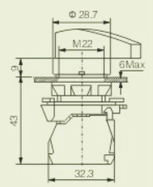
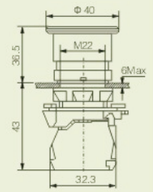
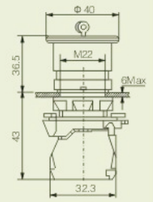
按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB4–BA3	平头按钮头 Flush button head	● Black ● Green ● Red ● Yellow ● Blue	YB4–BA2 YB4–BA3 YB4–BA4 YB4–BA5 YB4–BA6
 YB4–BA432	平头按钮头 Flush button head Marked	● Green ● Green ● White ● Black ● Red ● Red	YB4–BA331 YB4–BA336 YB4–BA334 YB4–BA335 YB4–BA432 YB4–BA434
 YB4–BL4	凸头按钮头 Convex button head	● Black ● Green ● Red ● Yellow ● Blue	YB4–BL2 YB4–BL3 YB4–BL4 YB4–BL5 YB4–BL6
 YB4–BL432	凸头按钮头 Convex button head Marked	● Green ● Green ● White ● Black ● Red ● Red	YB4–BL331 YB4–BL336 YB4–BL334 YB4–BL335 YB4–BL432 YB4–BL434
 YB4–BP3	带罩按钮头 Flush button head (with water–proof cover) Unmarked	● Black ● Green ● Red ● Yellow ● Blue	YB4–BP2 YB4–BP3 YB4–BP4 YB4–BP5 YB4–BP6
 YB4–BV03	指示灯头 Pilot light head	● Green ● Red ● Yellow ● Blue	YB4–BV03 YB4–BV04 YB4–BV05 YB4–BV06
 YB4–BW33	指示灯头 Pilot light head, the button is flush	● Green ● Red ● Yellow ● Blue	YB4–BW33 YB4–BW34 YB4–BW35 YB4–BW36

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 TB4–BD2	2–positions stay put spring return 3–positions stay put 3–positions spring return	● Black	YB4–BD2 YB4–BD3 YB4–BD4 YB4–BD5
 TB4–BJ2	2–positions stay put 3–positions stay put 2–positions spring return 3–positions spring return	● Black	YB4–BJ2 YB4–BJ3 YB4–BJ4 YB4–BJ5
 TB4–BG2	2–positions stay put 2–positions spring return 3–positions stay put 3–positions spring return		YB4–BG2 YB4–BG3 YB4–BG4 YB4–BG7
 TB4–BS14	Mushroom head return to release by key	● Black Φ40 ● Red Φ40	YB4–BS12 YB4–BS14
 TB4–BS54	Return to release by Push put spring return	● Red Φ40 ● Red Φ40 ● Black Φ40 ● Green Φ40 ● Red Φ40	YB4–BS54 YB4–BT54 YB4–BC2 YB4–BC3 YB4–BC4
 TB4–BL83	1 flush green 1 flush red Unmarked 1 flush green 1 convex red Marked	■ Green ■ Red ■ Green ■ Red	YB4–BL83 YB4–BL84
 TB4–BW84	Lamp–head 1 flush green 1 flush red Unmarked Lamp–head 1 flush green 1 convex red Marked	■ Red ■ Yellow ■ Green ■ Red ■ Yellow ■ Green	YB4–BW83 YB4–BW84

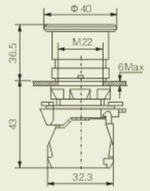
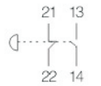
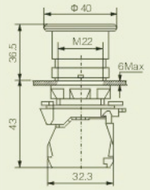
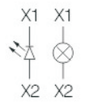
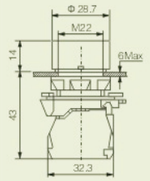
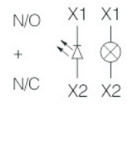
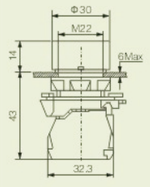
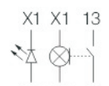
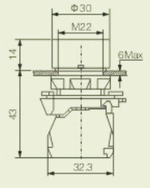
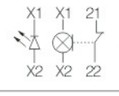
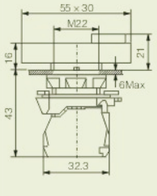
YB5 系列按钮
YB5 Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB5-AA42	平钮 Flush button Spring return	N/O	13 14	Black Green Blue Yellow	YB5-AA21 YB5-AA31 YB5-AA61 YB5-AA51	
		N/C	21 22	Red Φ40	YB5-AA42	
 YB5-AP31	带防护罩高钮 防护等级IP65 Flush button (with water-proof cover) Unmarked IP65	N/O	13 14	White Black Green Blue Yellow	YB5-AP11 YB5-AP21 YB5-AP31 YB5-AP61 YB5-AP51	
		N/C	21 22	Red Φ40	YB5-AP42	
 YB5-AA4322	带标记平钮 Flush button Spring return Marked	N/O	13 14	Green Green White Black	YB5-AA3311 YB5-AA3361 YB5-AA3341 YB5-AA3351	
		N/C	21 22	Red Red	YB5-AA4322 YB5-AA4342	
 YB5-AL4322	带标记凸钮 Convex button Spring return Marked	N/O	13 14	Green Green White Black	YB5-AL3311 YB5-AL3361 YB5-AL3341 YB5-AL3351	
		N/C	21 22	Red Red	YB5-AL4322 YB5-AL4342	
 YB5-AL42	凸钮 Convex button Spring return Unmarked	N/O	13 14	Black Green Blue Yellow	YB5-AL21 YB5-AL31 YB5-AL61 YB5-AL51	
		N/C	21 22	Red Φ40	YB5-AL42	
 YB5-AG33	LH Position	N/O	1 11 13 14	2位钥匙锁定 2 Position stay put	YB5-AG21	
				2位钥匙自复 2 Position spring return	YB5-AG41	
	LH and RH Position	N/O+N/C	1 11 21 13 22 14	2位钥匙锁定 2 Position stay put	YB5-AG25	
				2位钥匙自复 2 Position spring return	YB5-AG45	
	Center Position	N/O+N/O	1011 13 23 14 24	3位钥匙锁定 3 Position stay put	YB5-AG33	
				3位钥匙自复 3 Position spring return	YB5-AG73	

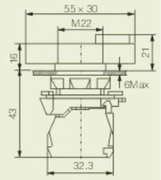
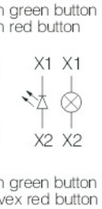
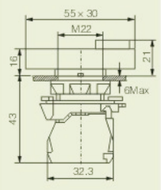
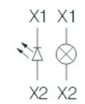
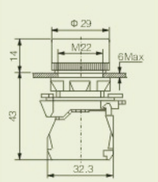
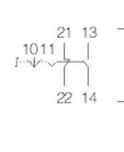
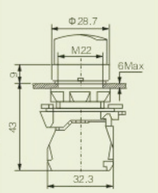
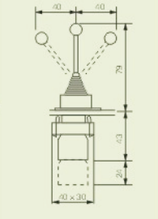
YB5 系列按钮
YB5 Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB5-AD21	标准手柄 Standard handle	N/O	13 1 11 14	2位自复 2 Position stay put 2位自锁 2 Position spring return	YB5-AD21 YB5-AD41	
		N/O+N/C	21 13 1 11 22 14	2位自复 2 Position stay put 2位自锁 2 Position spring return	YB5-AD25 YB5-AD45	
 YB5-AD33	标准手柄 Standard handle	N/O+N/O	13 23 1011 14 24	3位自锁 3 Position stay put	YB5-AD33	
		N/O+N/O	13 23 1011 14 24	3位自复 3 Position spring return	YB5-AD53	
 YB5-AJ41	长手柄 Long handle	N/O	13 1011 14	2位自锁 2 Position stay put 2位自复 2 Position spring return	YB5-AJ21 YB5-AJ41	
		N/O+N/C	13 23 1 11 14 24	2位自锁 2 Position stay put 2位自复 2 Position spring return	YB5-AJ25 YB5-AJ45	
 YB5-AJ53	长手柄 Long handle	N/O+N/O	13 23 1011 14 24	3位自锁 3 Position stay put 3位自复 3 Position spring return	YB5-AJ33 YB5-AJ53	
 YB5-AT42	蘑菇头推拉式 Push-pull	N/C	21 22	Red Φ40	YB5-AT42	
		N/O + N/C	21 13 22 14	Red Φ40	YB5-AT45	
 YB5-AS142	蘑菇头自锁 钥匙复位 Turn to release by key (Key n° 445)	N/C	21 22	Red Φ40	YB5-AS142	
		N/O + N/C	21 13 22 14	Red Φ40	YB5-AS145	

YB5 系列按钮
YB5 Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB5-AS542	蘑菇钮自锁 Turn to release	N/O		Red Φ40	YB5-AS542	
		N/O+N/C		Red Φ40	YB5-AS545	
 YB5-AC31	蘑菇钮自复 Mushroom head Spring return	N/C		Red Φ40	YB5-AC42	
		N/O		Black Φ40 Green Φ40	YB5-AC21 YB5-AC31	
 YB5-AV64	指示灯 Direct bulb included BA9S base fitting Neon LED (BA9S)	130V 220~240V 50Hz		White Green Red Yellow Blue	YB5-AV61 YB5-AV63 YB5-AV64 YB5-AV65 YB5-AV66	
 YB5-AVM□	指示灯 Direct bulb included BA9S base fitting Neon LED (BA9S)	N/O + N/C		White [7] Green [3] Red [4] Yellow [5] Blue [6] B-24V G-110V M-220V	YB5-AVB□ YB5-AVB□ YB5-AVB□ YB5-AVG□ YB5-AVG□ YB5-AVG□ YB5-AVM□ YB5-AVM□ YB5-AVM□	
 YB5-AW3361	指示灯 Direct bulb supplied Neon LED (BA9S)	N/O 130V 220~240V		White Green Yellow Blue	YB5-AW3161 YB5-AW3361 YB5-AW3561 YB5-AW3661	
		N/C		Red	YB5-AW3462	
 YB5-AL8325	双头按钮头(不带灯) 1 flush green button 1 flush red button Unmarked Without pilot light IP40 1 flush green button 1 convex red button marked Without pilot light IP40	N/O+N/C		Green Red Green Red	YB5-AL8325 YB5-AL8425	

YB5 系列按钮
YB5 Push button series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 YB5-AL9325	双头防水按钮 Without pilot light 1 flush green button 1 flush red button (with water-proof cover) marked IP66	N/O + N/C		White Green Red	YB5-AL9325	
				White Green Red	YB5-AL9425	
 YB5-AW8465	双头带灯按钮 Pilot light with yellow lens direct supply 220~240V BA9S bulb marked IP40 Neon LED (BA9S)	1 flush green button 1 flush red button N/O + N/C 1 flush green button 1 convex red button		Red Yellow Green B-24V G-110V M-220V	YB5-AW8365 YB5-AW83B5 YB5-AW83G5 YB5-AW83M5 YB5-AW8465 YB5-AW84B5 YB5-AW84G5 YB5-AW84M5	
 YB5-AW36G5	带灯按钮 Push button with lamp	N/O + N/C		White Green Red Yellow Blue B-24V G-110V M-220V	YB5-AW33B5 YB5-AW34B5 YB5-AW35B5 YB5-AW33G5 YB5-AW34G5 YB5-AW35G5 YB5-AW33M5 YB5-AW34M5 YB5-AW35M5	
 YB5-AK125B5	二位旋钮带灯24V 2 Position stay put 三位旋钮带灯110V 3 Position stay put 三位旋钮带灯220V 3 Position stay put	N/O + N/C		Green Red Yellow Green Red Yellow Green Red Yellow	YB5-AK123B5 YB5-AK124B5 YB5-AK125B5 YB5-AK133G5 YB5-AK134G5 YB5-AK135G5 YB5-AK153M5 YB5-AK154M5 YB5-AK155M5	
YB5-PA12	2位 2 Position 4位 4 Position	N/O			YB5-PA12 YB5-PA22 YB5-PA14 YB5-PA24	

YB5 系列按钮
YB5 Push button series

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB5-AA4	平头按钮头 Flush button head	Black Green Red Yellow Blue	YB5-AA2 YB5-AA3 YB5-AA4 YB5-AA5 YB5-AA6
 YB5-AA432	平头按钮头 Flush button head Marked	Green Green White Black Red Red	YB5-AA331 YB5-AA336 YB5-AA334 YB5-AA335 YB5-AA432 YB5-AA434
 YB5-AL3	凸头按钮头 Convex button head	Black Green Red Yellow Blue	YB5-AL2 YB5-AL3 YB5-AL4 YB5-AL5 YB5-AL6
 YB5-AL432	凸头按钮头 Convex button head Marked	Green Green White Black Red Red	YB5-AL331 YB5-AL336 YB5-AL334 YB5-AL335 YB5-AL432 YB5-AL434
 YB5-AP3	带罩按钮头 Flush button head (with water-proof cover) Unmarked	Black Green Red Yellow Blue	YB5-AP2 YB5-AP3 YB5-AP4 YB5-AP5 YB5-AP6
 YB5-AV04	指示灯头 Pilot light head	Green Red Yellow Blue	YB5-AV03 YB5-AV04 YB5-AV05 YB5-AV06
 YB5-AW36	指示灯头 Pilot light head, the button is flush	Green Red Yellow Blue	YB5-AW33 YB5-AW34 YB5-AW35 YB5-AW36

按钮 Push buttons	说明 Description	颜色 Color	型号 Type
 YB5-AD2	2-positions stay put spring return 3-positions stay put 3-positions spring return	Black	YB5-AD2 YB5-AD3 YB5-AD4 YB5-AD5
 YB5-AJ2	2-positions stay put 3-positions stay put 2-positions spring return 3-positions spring return	Black	YB5-AJ2 YB5-AJ3 YB5-AJ4 YB5-AJ5
 YB5-AG2	2-positions stay put 2-positions spring return 3-positions stay put 3-positions spring return		YB5-AG2 YB5-AG3 YB5-AG4 YB5-AG7
 YB5-AS14	Mushroom head return to release by key	Black Φ40 Red Φ40	YB5-AS12 YB5-AS14
 YB5-AS54	Return to release by Push put spring return	Red Φ40 Red Φ40 Black Φ40 Green Φ40 Red Φ40	YB5-AS54 YB5-AT54 YB5-AC2 YB5-AC3 YB5-AC4
 YB5-AL83	1 flush green 1 flush red Unmarked 1 flush green 1 convex red Marked	Green Red Green Red	YB5-AL83 YB5-AL84
 YB5-AW84	Lamp-head 1 flush green 1 flush red Unmarked Lamp-head 1 flush green 1 convex red Marked	Red Yellow Green Red Yellow Green	YB5-AW83 YB5-AW84

YB5 系列按钮
YB5 Push button series

按钮 Push buttons	说明 Description	触点 Contact	型号 Type
 YB4-BE101	Contact element	N/O	YB4-BE101
 YB4-B	Metal bracket		YB4-B
 ZBV-M4	Contact element with lamp Direct type LED		YB5-AV6L
 YB5-AZ101	Plastic bracket+ contact element	N/O	YB5-AZ101
 YB5-AZ103	Plastic bracket+ 2 contact element	N/O+N/C	YB5-AZ103
 YB4-BZ101	Metal bracket+ contact element	N/O	YB4-BZ101
 YB4-BZ103	Metal bracket+ 2 contact element	N/O+N/C	YB4-BZ103

按钮 Push buttons	说明 Description	触点 Contact	型号 Type
 YB4-BE102	Contact element	N/O	YB4-BE102
 YB5-A	Plastic bracket		YB5-A
 ZBV-6	Contact element with lamp Direct type Neon LED (BA9S)		YB5-AV06L
 YB5-AZ102	Plastic bracket+ contact element	N/O	YB5-AZ102
 YB5-AZ105	Plastic bracket+ 2 contact element	N/O+N/C	YB5-AZ105
 YB4-BZ102	Metal bracket+ contact element	N/O	YB4-BZ102
 YB4-BZ105	Metal bracket+ 2 contact element	N/O+N/C	YB4-BZ105

AD6 SERIES

AD6(AD16、AD22)系列指示灯
AD6(AD16、AD22) series indicator lamp

☐Products instruction

AD6 (LED) series of indicator is equally used LED shining chip as light source. Because of long life. low consumption. Small volume and light weight. it is a Product replaced the older kind of incandescent lamp and indicator of neon lamp by new ones. AD6 indicators are produced by our factory enjoying following characters: high brightness, good reliability, beautiful shape and careful manufacture red Products are well praised by lots of clients, it is possible to meet all kinds of international standard lamp shade. Which are made of polycarbonate with high intension and enjoying better anti surge performance, and bolt-type connector designed will make it safer and more convenient All improv-ement will be provided to make your choice more convenient and your design perfect

☐Use

AD6(LED) series of indicator are used as indicating, foretelling, accident and other signals in the lines of equipment (such as electrical power, telecommunication, machine tool, watercraft, textile, printing and mine machinery, etc)

☐Main technical parameter

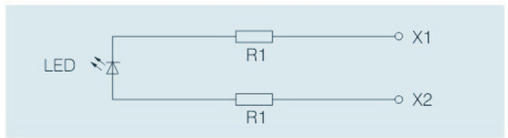
1. Voltage of working frequency: 2.5kV(AC valid value), 1 min
2. Insulated resistance≥2MΩ
3. Voltage wave allowed by AC indicator ± 20%
4. Continual working life≥30000h
5. Brightness≥60cd/m²
6. Index of leakage CT1≥100
7. Protection grade is IP40, and it is possible to be made to up to IP67
8. Using frequency: AC60~60Hz

☐Applicable environment

1. Surrounding temperature: -25℃~+55℃
2. Relative humidity: ≤98%
3. It can normally work under the conditions of 2-80Hz vibration frequency and 0.7g/h accelerated speed
4. Pollution grade: III; Installed sort III
5. It is possible to work under the moist tropical environment if there is a "TH" sign

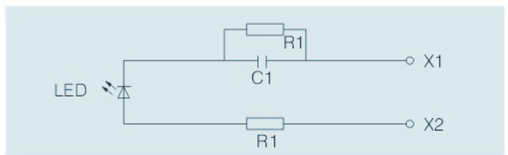
☐Circuit introduction

1. AC and DC Indicator (AC，DC6V~220V)

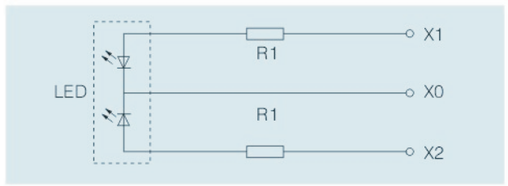


Note: It should be considered radiating condition when DC is up to 110V，220V and 380V，for there is a great of heat

2. AC indicator(AC220V，AC380V)



3. Return of double-color indicator(DC,ACl10-220V)



Note:
When put t rough X0 and X1, lamp is shining green
when done X0 and X2, lamp is shining red

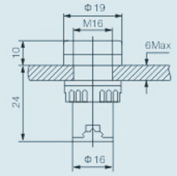
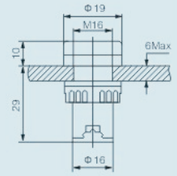
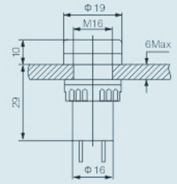
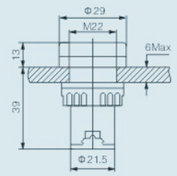
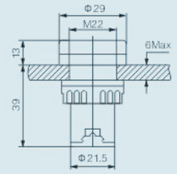
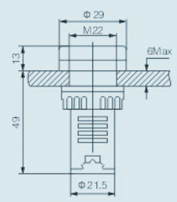
☐Contrast list of voltage, current

Supply voltage	AC.DC							DC	FD		AC	
Voltage(V)	6	12	24	36	48	110	127	220	380	500	220	380
Current(A)	140	72	18-72	18	18	18	16	12	12	12	16	17

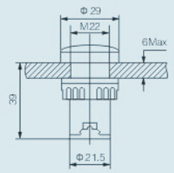
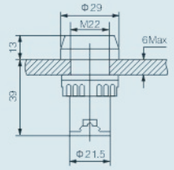
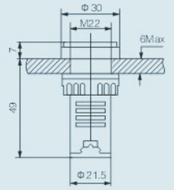
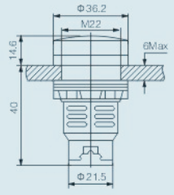
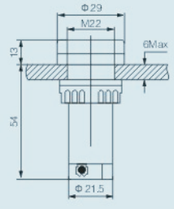
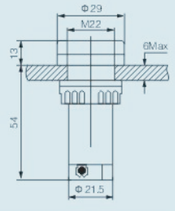
Note: "FD" in the list means a discharging lamp can be installed on the cuppboard of capacitor PG denotes pure green
PB denotes pure blue, PW denotes pare white.

AD6 SERIES

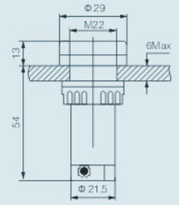
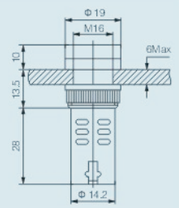
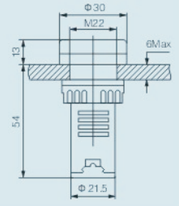
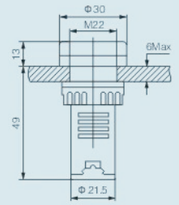
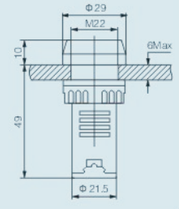
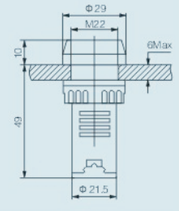
AD6(AD16、AD22)系列指示灯
AD6(AD16、AD22) series indicator lamp

按钮 Push button	说明 Description	电压 Voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 AD6-16DS	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC 127V AC 220V AC	Red Green/PG Yellow Pure Blue White/PW	AD6-16DS	
 AD6-16D	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green Yellow Pure Blue White/PW	AD6-16D	
 AD6-16A	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Yellow Green Pure Green Pure Blue White/PW	AD6-16A	
 AD6-22DS	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD6-22DS	
 AD6-22DSN抗感应	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD6-22DSN	
 AD6-22D	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD6-22D	

AD6(AD16、AD22)系列指示灯
AD6(AD16、AD22) series indicator lamp

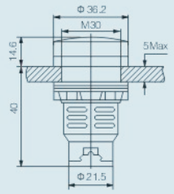
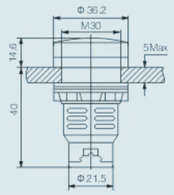
按钮 Push button	说明 Description	电压 Voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 AD6-22CS	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC 127V AC 220V AC	Red Green/PG Yellow Pure Blue White/PW	AD6-22CS AD6-22CSL AD6-22CSC	
 AD6-22BS	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green Yellow Pure Blue White/PW	AD6-22BS	
 AD6-22F	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Yellow Green Pure Green Pure Blue White/PW	AD6-22F	
 AD6-30DS	Protected LED 指示灯 Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	Red Green/PG Yellow Pure Blue White/PW	AD6-30DS AD6-30DSL AD6-30DSC	
 AD6-22DRG	Protected LED 指示灯 Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	Red&Green Red&Pure Blue	AD6-22DRG AD6-22DRB	
 AD6-22WG	Protected LED 指示灯 Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	⊕	AD6-22WG	

AD6(AD16、AD22)系列指示灯
AD6(AD16、AD22) series indicator lamp

按钮 Push button	说明 Description	电压 Voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 AD6-22WD	Protected LED 指示灯 Indicator	110V AC/DC 127V AC/DC 220V AC/DC 220V AC	⊖ ⊕	AD6-22WD AD6-22WN	
 AD6-16MR	Protected LED 指示灯 蜂鸣器 Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Black	AD6-16MR AD6-16MK	
 AD6-22MK	蜂鸣器 Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Black	AD6-22MK	
 AD6-22MR	Protected LED 指示灯 蜂鸣器 Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red	AD6-22MR	
 AD6-22BMR	Protected LED 指示灯 蜂鸣器 Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red	AD6-22BMR	
 AD6-22BMK	蜂鸣器 Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Black	AD6-22MFB	

AD6 SERIES

AD6(AD16、AD22)系列指示灯
AD6(AD16、AD22) series indicator lamp

按钮 Push button	说明 Description	电压 Voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 AD6-30MK	蜂鸣器 Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Black	AD6-30MK	
 AD6-30MR	蜂鸣器 Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	● Red	AD6-30MR	

电位器
Poltentiometer

电位器 Poltentiometer	项目Item	数据 Parameter			
 5KΩ	电阻Impedance(R)	1KΩ	2KΩ	5KΩ	10KΩ
	额定功率Rated power (P)	Lineer 1.5W(70°C)			
	防护等级Prtotection degree	IP65			
	绝缘电阻Isolation resistance	min 10ΩM(500DC)			
	运行温度Operating temperature	-5°C~+40°C			
	电阻元件Resistive elemen	sermet			
	转动范围Turning range	270° ± 15°			
	公差Tolerance	± 10%			
	导热率Thermal coefficien	%100ppm/°C			
	介电性能Dielectric endurance	± 1750Vrms			
	气候类型Climatic category	55/125/56			
	最高运行电压Maximum operation voltage(V)	38.70	38.70	86.60	122.50
	最高通过电流Maximun brush current (mA)	38.70	38.70	17.30	12.20

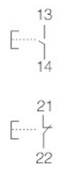
XAL SERIES

XAL 系列控制盒
XAL Control box series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	标牌说明 Marking description	型号 Type	标记按钮 Marking on button
 XAL-B101H29	一个绿色平钮 1 green flush push button spring return	N/O		Start - -	XAL-B101H29 XAL-B102 XAL-B103	Green Green Green
	一个红色平钮 1 red flush push button spring return	N/C		Stop - -	XAL-B111H29 XAL-B114 XAL-B112	Red Red Red
 XAL-B164	一个红色蘑菇钮 Φ40 1 red mushroom head push button Φ40 spring return	N/C		Emergency Stop Stop -	XAL-B164H29 XAL-B174H29 XAL-J174	自复 spring return 自锁 latching turn to release
 XAL-B184H29	一个红色蘑菇钮 Φ40 1 red mushroom head pushbutton Φ40mm latching key release (key n° 445)	N/C		Emergency Stop	XAL-B184H29	钥匙 key release
 XAL-B132H29	二位旋钮 1 selector switch 2 position stay put standard black handle	N/O		Start stop I O	XAL-B132H29 XAL-B134H29	旋钮 standard black handle
 XAL-B142H29	二位钥匙旋钮 1 selector switch with key operated (key n° 445) 2 position stay put	N/O		Start stop I O	XAL-B142H29 XAL-B144H29	钥匙 key release
 XAL-B211H29	二位自复平钮 2 spring return push button 1 flush green 1 flush red	N/O+N/C		Open close Start stop - -	XAL-B241H29 XAL-B244H29 XAL-B213 XAL-B215	Green Red Green Red Green Red Green Red

XAL 系列控制盒
XAL Control box series

XAL SERIES

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	标牌说明 Marking description	型号 Type	标记按钮 Marking on button
 XAL–B222	二个自复平钮 2 spring return push button 1 flush white 1 flush black	N/O+N/O			XAL–B222 XAL–B223	
 XAL–B324	三个自复平钮 3 spring return push button 1 flush white1 1 flush red 1 flush black	N/O + N/C + N/O		– – – forward stop reverse up stop down open stop close	XAL–B324 XAL–B334 XAL–B339 XAL–B311H29 XAL–B321H29 XAL–B341H29	
 XAL–B373	二个自复平钮 一个直接式指示灯 1 red pilot light directly supplied 2 spring return push button 1 flush red 1 flush green	N/O + N/C		Start Stop – – Start Stop – –	XAL–B361H29 XAL–B363 XAL–B366 XAL–B37H29 XAL–B373 XAL–B376	
 XAL–B4111	四个自复平钮 4 spring return push button 1 flush red 1 flush green 1 flush white 1 flush black	N/O + N/O + N/O + N/C			XAL–B4111	

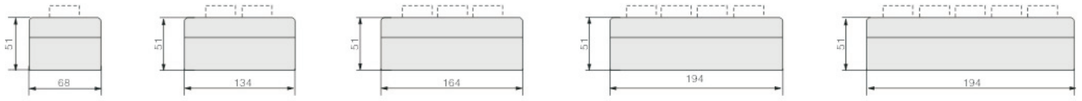

XAL–B01


XAL–B02


XAL–B03


XAL–B04


XAL–B05



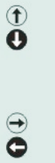
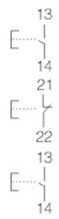
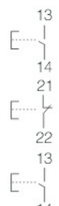
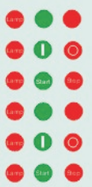
XAL 系列控制盒
XAL Control box series

XAL SERIES

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	标牌说明 Marking description	型号 Type	标记按钮 Marking on button
 XAL–D101	一个绿色平钮 1 green flush push button spring return	N/O		Start – –	XAL–D101H29 XAL–D102 XAL–D103	Green Green Green
	一个红色平钮 1 red flush push button spring return	N/C		Stop – –	XAL–D111H29 XAL–D114 XAL–D112	Red Red Red
 XAL–D164	一个红色蘑菇钮 Φ40 1 red mushroom head push button Φ40 spring return	N/C		Emergency Stop Stop –	XAL–D164H29 XAL–D174H29 XAL–D174	自复 spring return 自锁 latching turn to release
 XAL–D184H29	一个红色蘑菇钮 Φ40 1 red mushroom head pushbutton Φ40mm latching key release (key n° 445)	N/C		Emergency Stop	XAL–D184H29	钥匙 key release
 XAL–D134H29	二位旋钮 1 selector switch 2 position stay put standard black handle	N/O		Start stop I O	XAL–D132H29 XAL–D134H29	旋钮 standard black handle
 XAL–D142H29	二位钥匙旋钮 1 selector switch with key operated (key n° 445) 2 position stay put	N/O		Start stop I O	XAL–D142H29 XAL–D144H29	钥匙 key release
 XAL–D213	二位自复平钮 2 spring return push button 1 flush green 1 flush red	N/O+N/C		Open close Start stop – –	XAL–D241H29 XAL–D244H29 XAL–D213 XAL–D215	Green Red Green Red Green Red Green Red

XAL SERIES

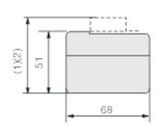
XAL 系列控制盒
XAL Control box series

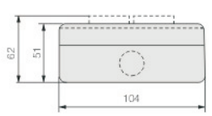
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	标牌说明 Marking description	型号 Type	标记按钮 Marking on button
 XAL–D222	二个自复平钮 2 spring return push button 1 flush white 1 flush black	N/O+N/O			XAL–D222 XAL–D223	
 XAL–D334	三个自复平钮 3 spring return push button 1 flush white1 1 flush red 1 flush black	N/O + N/C + N/O			XAL–D324 XAL–D334 XAL–D339	
 XAL–D311H29	三个自复平钮 3 spring return push button 1 flush white1 1 flush red 1 flush black	N/O + N/C + N/O		Forward stop reverse up stop down open stop close	XAL–D311H29 XAL–D321H29 XAL–D341H29	
 XAL–D363	二个自复平钮 一个直接式指示灯 1 red pilot light directly supplied 2 spring return push button 1 flush red 1 flush green	N/O + N/C		Start Stop – – Start Stop – –	XAL–D361H29 XAL–D363 XAL–D366 XAL–D37H29 XAL–D373 XAL–D376	

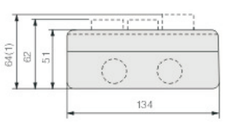

XAL–D01


XAL–D02


XAL–D03

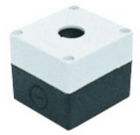






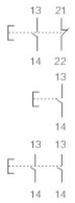
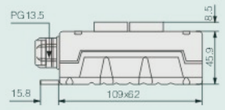
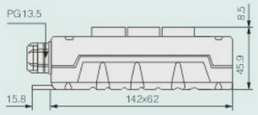
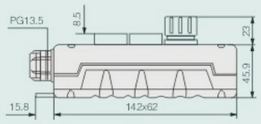
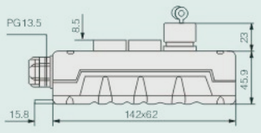
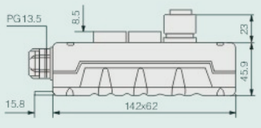
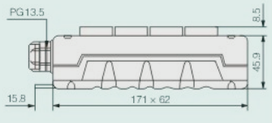
控制盒系列

HJ9 系列控制盒
HJ9 Control box series

按钮 Push buttons	说明 Description	型号 Type
 HJ9–1W HJ9–1Y	单孔按钮盒 Button box for single hole IP40 Φ22 Φ25 Φ30	HJ9–1Y HJ9–1W
 HJ9–2W HJ9–2Y	二孔按钮盒 Button box for Two holes IP40 Φ22 Φ25 Φ30	HJ9–2Y HJ9–2W
 HJ9–3W HJ9–3Y	三孔按钮盒 Button box for Two holes IP40 Φ22 Φ25 Φ30	HJ9–3Y HJ9–3W
 TYX–1	单孔按钮盒 Button box for single holes IP40 Φ22 Φ25 Φ30	TYX–1
 TYX–2	二孔按钮盒 Button box for Two holes IP40 Φ22 Φ25 Φ30	TYX–2

按钮 Push buttons	说明 Description	型号 Type
 HJ9–4W HJ9–4Y	四孔按钮盒 Button box for four holes IP40 Φ22 Φ25 Φ30	HJ9–4Y HJ9–4W
 HJ9–5W HJ9–5Y	五孔按钮盒 Button box for five holes IP40 Φ22 Φ25 Φ30	HJ9–5Y HJ9–5W
 HJ9–6W HJ9–6Y	六孔按钮盒 Button box for six holes IP40 Φ22 Φ25 Φ30	HJ9–6Y HJ9–6W
 TYX–3	三孔按钮盒 Button box for three holes IP40 Φ22 Φ25 Φ30	TYX–3
 TYX–4	四孔按钮盒 Button box for four holes IP40 Φ22 Φ25 Φ30	TYX–4

COP-B 系列液压尾板控制盒
COP-B Control box series

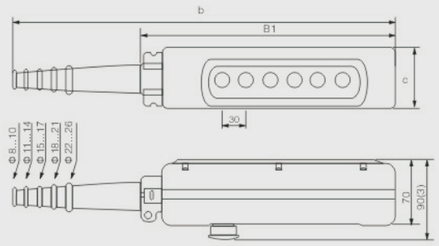
按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	型号 Type	外形尺寸 Dimesions
 COP-2B	2 holes spring return push button 1 flush black 1 flush white IP54	N/O+N/C 2xN/O 2x2N/O		COP-2B11 COP-2B10 COP-2B20	
 COP-3B	2 holes spring return push button 1 flush black 1 flush white IP54	2N/O + N/O+N/C + 2NO		COP-3B	
 COP-A2B	3 holes control box 1 black spring return button 1 white spring return button 1 red emergency button turn to release IP54	N/C 2x2N/C		COP-A2B	
 COP-Y2B	3 holes control box 1 black spring return button 1 white spring return button 1 red mushroom button release to center IP54	N/C 2x2N/O		COP-Y2B	
 COP-X2B	3 holes control box 1 black spring return button 1 white spring return button 1 black selector switch release to center IP54	N/O+N/C + 2N/O + 2N/O		COP-X2B	
 COP-4B	4 holes spring return push button 1 flush black 1 flush white 1 flush black 1 flush white IP54	4x2N/O		COP-4B	

XAC 系列吊机控制站
XAC Pendant control stations series

□使用条件 Applicable environment

Conforming to standards		IEC947-5-1,EN60947-5-1,IEC337-1,NFC63-146,VDE0660-200
Approvals		NEMKO. Special version:UL Listed A600-Q600,CSAA600-Q600
Shock resistance		100g conforming to IEC68-2-27
Electric chock protectin		Class II conforming to IEC 536 and NF C 20-030
Degree of protection	Op.cycles	IP65 conforming to IEC 539, IP657 conforming to NF C20-010
Mechanical durability		1 million
Enclosure	A	Double insulated polypropylene, coloured yellow througout
Thermal current(Ith)	V	10
Rated insulation voltage(Ui)		ZB2-BEY●●●, XEN-G●●●, XAC-S●●●: 600,degree of pollution 3 XEN-T●●●●: 400, degree of pollution 3
Rated impulse withstand voltage(Uimp)	kV	6 conforming to IEC947-1
Positive operation		Mushrcom head pushbutton: N/C contact with positive opening operation to IEC947-5-1 section 3
Contace operation		N/C of N/O slow break
Terminal referencing		Conforming to CENELEC EN 50013
Short-circuit protection		10A cartrudge fuse type gG(gl)
Cabling	mm^2	Screw and captive cable clamp terminals. Capacity: min.1x0.5,max., with or without cable end:2x1.5 or 1x2.5mm 2.6.3mm fast on connectors (on request), please consult your Regional customer centre

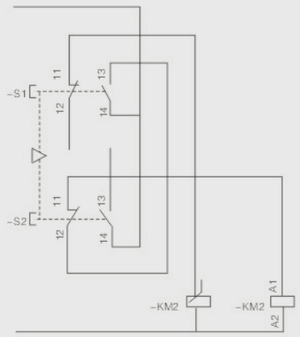
□外形尺寸 Dimensions



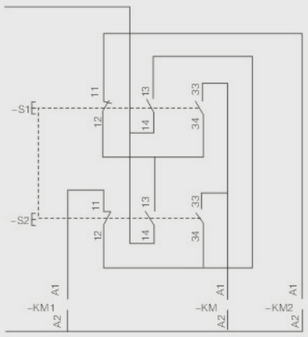
Mumber of ways	2	3	4	6	8	12
b	314	314	440	500	560	680
b1	190	190	250	310	370	490
c	80	80	80	80	80	92

1. For 2 and 3 -way XAC-A stations
2. For 4 of 8-way XAC-A stations
3. With mushroom head opreator

For control of single-speed reversing motor
(contact blocks ZB2-BE101+ZB2-BE102)

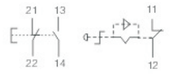
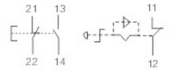
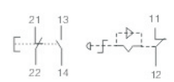


For control of single-speed reversing motor
(contact blocks XEN-G1191)

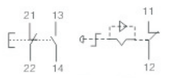


KM: high speed contactor

XAC系列吊机控制站
XAC Pendant control stations series

控制站 Control stations	说明 Description	contact blocks and scheme per direction for"emergency stop"	型号 Type
 XAC–A271	For control of single–speed motor	ZB2–BE101 	XAC–A271
	2 mechanically interlocked	ZB2–BE102 + ZB2–BE101 	XAC–A281
 XAC–A2713	2 mechanically interlocked +1 trigger action latching "Emergency stop" Φ30mm operator ZA2–BS44	ZB2–BE101  ZB2–BE102	XAC–A2713
		ZB2–BE102 + ZB2–BE101  ZB2–BE102	XAC–A2813
 XAC–A471	For control of single–speed motor	ZB2–BE101 	XAC–A471
	4 mechanically interlocked between pairs	ZB2–BE102 + ZB2–BE101 	XAC–A481
 XAC–A4713	4 mechanically interlocked +1 trigger action latching "Emergency stop" Φ40mm operator ZA2–BS44	ZB2–BE101 	XAC–A4713
		ZB2–BE102 + ZB2–BE101 	XAC–A4813
 XAC–A671	For control of single–speed motor	ZB2–BE101 	XAC–A671
	6 mechanically interlocked between pairs	ZB2–BE102 + ZB2–BE101 	XAC–A681
 XAC–A6713	6 mechanically interlocked between pairs +1 trigger action latching "Emergency stop" Φ40mm operator ZA2–BS44	ZB2–BE101  ZB2–BE102	XAC–A6713
		ZB2–BE102 + ZB2–BE101  ZB2–BE102	XAC–A6813

XAC系列吊机控制站
XAC Pendant control stations series

控制站 Control stations	说明 Description	contact blocks and scheme per direction for"emergency stop"	型号 Type
 XAC–A871	For control of single–speed motor	ZB2–BE101 	XAC–A871
	6 mechanically interlocked between pairs	ZB2–BE102 + ZB2–BE101 	XAC–A881
 XAC–A8713	6 mechanically interlocked +1 trigger action latching "Emergency stop" Φ40mm operator ZA2–BS44	ZB2–BE101  ZB2–BE102	XAC–A8713
		ZB2–BE102 + ZB2–BE101  ZB2–BE102	XAC–A8813
 XAC–A291	For control of single–speed motor		
	2 mechanically interlocked	1N/C+N/O+N/O staggered XEN–G1191 	XAC–A291
 XAC–A2913	4 mechanically interlocked between pairs +1 trigger action latching "Emergency stop" Φ40mm operator ZA2–BS44	1N/C+N/O+N/O staggered XEN–G1191 	XAC–A2913
		1N/C ZB2–BE102 	
 XAC–A491	For control of single–speed motor		
	4 mechanically interlocked between pairs	1N/C+N/O+N/O staggered XEN–G1191 	XAC–A491
 XAC–A4913	4 mechanically interlocked between pairs +1 trigger action latching "Emergency stop" Φ40mm operator ZA2–BS44	1N/C+N/O+N/O staggered XEN–G1191 	XAC–A4913
		1N/C ZB2–BE102 	

XAC系列吊机控制站
XAC Pendant control stations series

控制站 Control stations	说明 Description	contact blocks and scheme per direction for"emergency stop"	型号 Type
 XAC-A691	For control of two-speed motor 6 mechanically interlocked	1N/C+N/O+N/O staggered XEN-G1191 	XAC-A691
 XAC-A6913	6 mechanically interlocked beteen pairs +1 trigger action latching "Emergency stop" Φ30mm operator ZA2-BS44	1N/C+N/O+N/O staggered XEN-G1191  1N/C ZB2-BE102 	XAC-A6913
 XAC-A891	8 mechanically interlocked between pairs	1N/C+N/O+N/O staggered XEN-G1191 	XAC-A891
 XAC-A8913	8 mechanically interlocked beteen pairs +1 trigger action latching "Emergency stop" Φ40mm operator ZA2-BS54	1N/C+N/O+N/O staggered XEN-G1191  1N/C ZB2-BE102 	XAC-A8913
 XAC-A4923	4 mechanically interlocked beteen pairs +1 trigger action latching "Emergency stop" Φ40mm operator ZA2-BS54	1N/C+N/O+N/O staggered XEN-G1191  1N/C102(b)  1N/C ZB2-BE102 	XAC-A4923
 XAC-A8923	8 mechanically interlocked beteen pairs +1 trigger action latching "Emergency stop" Φ40mm operator ZA2-BS54	1N/C+N/O+N/O staggered XEN-G1191  1N/C102(b)  1N/C ZB2-BE102 	XAC-A8923

COP(COB)系列防雨型起重机用控制开关
COP(COB) Water-proof lifting button control switch Series

□产品用途

COP- 系列防雨型起重设备用按钮式开关，系仿国外同类产品基础上加以精心改进的产品，扩大了使用功能，其技术性能达到国外九十年代先进水平. 开关采用全前塑外壳，结构合理，产品配置橡胶电缆护套和防水密封条，具有良好的防尘防雨淋性能，其防护性能达到IP54级，所以本开关特别适用于露天、有雨雪、多尘埃侵害环境的电路的控制系统中，如起重机、电动葫芦等设备远距离控制。
除电源开关“通”按钮能自锁外，其余按钮具有自动复位性能，并且具有正反向控制的机械联锁机构，不仅简化了电路，而且有效地保护电路及设备运行。
该产品符合Q/YDD02-00，GB14048.5-2001和EN60947-5-1: 1997标准。

□Products usage

Water-proof Lofting Button Switches of COP-series are precisely approved on the same king of the domestic and foreign products. This enlarges the operational functions. The technical competence comes up to the advanced world standards of the nineties. The products are noted for their plastic outer casing, artistic appearance and rational design Equipped with rubber protective casings and water-proof performance. The protective function reaches grade IP54. This is why our products are especially suitable for using in the circuit control system in the open air encroached upon by rain and snow such as in the remote control of lifters and electric bocks.
Except the self-lock of the on-button of the main switch. the other buttons all have the automatic and front-to-back control mechanical interlockers as well. It not only simplifies the circuit, but also effectively protects the motion of the circuit and the appliances. Q/YDD02-00, GB/4048.2001 and EN60947.5.1:1997.

□产品用途Models and meaning

COP 6 □ △ ○ △ □

- 附带功能按钮组数(一组时省略)Sets of the attached functional buttons
- 附带功能按钮代号(A、B)Code numbers of the attached
- 按钮总组数Total sets of the buttons
- 设计代号Designed code numbers
- 6-控制按钮开关Control button switch
- 2-直控电动机按钮开关Button switch controlling motor
- 防雨型按钮开关Button switches of water-proof type

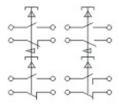
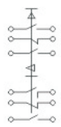
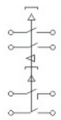
□按钮标记Button marks

上/升 Up/Rise	下/降 Down/Drop	快上 Quick up	快下 Quick down	左/东 Left/East	右/西 Right/West	前/南 Front/south	后/北 Back/North	顺转 Veer
运行 Operation	停止 Stop	关 Off	开 On	1车 Vehicle 1	2车 Vehicle 2	照明 Lighting	警铃 Alarm bell	逆转 Backspin

COPP系列防雨型起重机用控制站
COPP Pendant control stations series



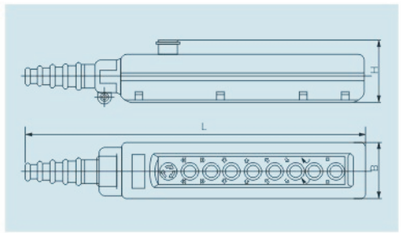
间接控制系列

代号	电气原理图		特征	技术参数
A–控制电源开关			按钮自锁，当接通或断开旋转30°C，自动复位	Ui: 500V~ Ith: 10A AC–15 380V~2A 220V~3.5A
B–起动停止钮			两组不联锁；自动复位动作时，常开先分断，常开接通。(还有不同组合)	
S–双速钮			两组联锁、自动复位， A型按钮至第一位时，常开分断，常开接通，再按到底，滞后常开接通 B型按钮至第一位时，超前常开接通，再按到底，常开接通	
P–动合常开			旋柄自锁，二位；手动复位；两钮不联锁（可联锁）；各钮一常开(一常闭一常开)	

该产品符合Q/YDDO2–OO，JEC.60947–5–1，GB14048.5–2001标准

外形及安装尺寸

代号	钮数	L×B×H
ZD2.655.031	3	310×78×85
ZD2.655.032	5	370×78×85
ZD2.655.033	7	430×78×85
ZD2.655.034	9	490×78×85
ZD2.655.035	11	550×78×85



型号及含义

COPP–□ □ △ □○

- 功能组数(组数为1时不标出)
- 钮组功能代号
- 第一钮功能操作方式 [A–急停 Y–钥匙 X–旋柄]
- 主要型号

方向符号: ⇳ ⇵ ⇇ ⇉ ⇖ ⇘ ↻ ↺ △

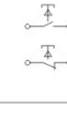
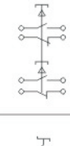
(双速) ⇳ ⇵ ⇇ ⇉ ⇖ ⇘

(A钮) 控制电源开关

COPC系列防雨型起重机用控制站
COPC Pendant control stations series

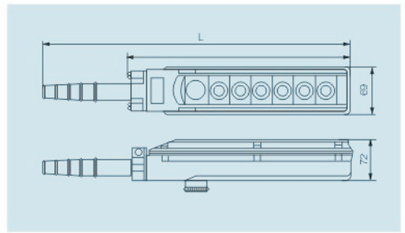


间接控制系列

代号	电气原理图		特征	技术参数
A–控制电源开关			推锁旋放式急停钮；一常闭(一常闭一常开)	Ui: 500V~ Ith: 10A AC–15 380V~2A 220V~3.5A
P–动合常开			两组联锁、自动复位，公共(也可单独)进线端；各钮一常开(一常闭一常开)	
B–起动停止钮			两组不联锁(可联锁)；自动复位，一钮常闭、一钮常开(各钮一常闭一常开)	
X–选择钮(组)			旋柄自锁，二位；手动复位；两钮不联锁(可联锁)；各钮一常开(一常闭一常开)	

外形及安装尺寸

代号	钮数	L×B×H
ZD2.655.081	3	300×69×72
ZD2.655.082	5	360×69×72
ZD2.655.083	7	420×69×72
ZD2.655.084	9	480×69×72
ZD2.655.085	11	540×69×72



型号及含义

COPC–□ □ △ □△

- (用户需要多功能时标出)
- 功能组数(组数为1时不标出)
- 钮组功能代号
- (第一钮位)控制电源的开关操作方式 [A–急停 X–旋柄]
- 起重机用按钮控制站

方向符号: ⇳ ⇵ ⇇ ⇉ ⇖ ⇘ ↻ ↺ △

(双速) ⇳ ⇵ ⇇ ⇉ ⇖ ⇘

(A钮) 控制电源开关

COPE系列防雨型电动葫芦按钮控制站
COPE Pendant control stations series









产品特点

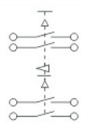
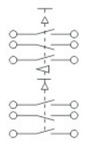
COPE-防雨型葫芦按钮控制站是以国外链式双速电动葫芦开关为基础加以改进的产品。外观坚固美观，握持轻巧，正反(升降)钮组机械联锁，自动复位；每个钮设有两个档位(两付先后动合常开触头)，实现单钮快慢双速操作；具有推锁旋放按钮作为紧急保护，使操作更安全、可靠。产品具有IP65级防水防尘性能，适用于有雨雪、多尘埃侵害的环境，配套国内外多种单双速电动葫芦。

型号及含义

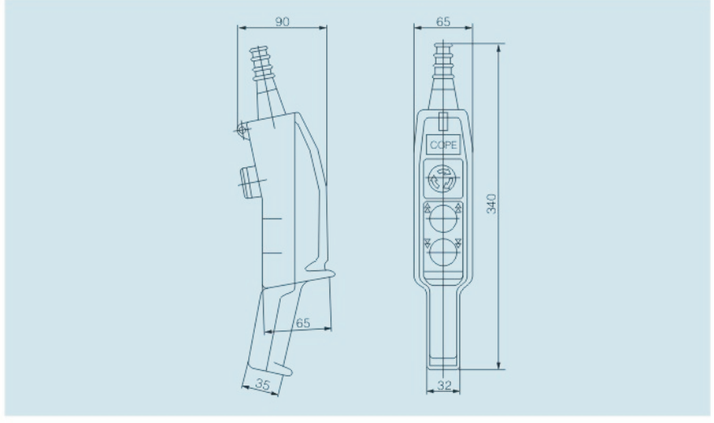
COPE - A □

- P单速 S双速
- A急停钮
- 主称型号: 按钮控制站

控制功能及电气原理图

代号	电气原理图	特征	技术参数
A-控制电源开关		推锁旋放式急停钮: -常闭 (-常闭-常开)。	Ui: 500V~ Ith: 10A AC-15 380V~2A 220V~3.5A
Sc双速钮		双速按钮至第一档位时常开接通，按至第二档位另一位常开按钮（第一位保持接通)。	
Sa或Sb双速钮		A型钮，按至第一位时，常闭分断，常开接通；再按到底，滞后常开接通。	

外形尺寸图



COP(COB)系列防雨型起重机用控制站
COP(COB) Pendant control stations series

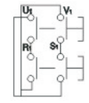








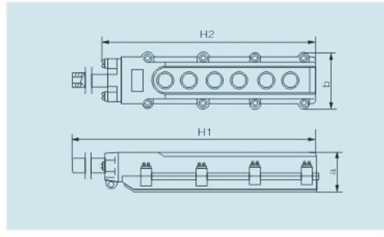
间接控制系列

代号	电气原理图	特征	技术参数
COP-6□(P) 动合常开钮		钮组联锁、自动复位，是本系列典型最常用的动合常开按钮	额定电压电流 AC 380V 2A AC 250V 5A 电气寿命100万次
COP-6□A 控制电源开关		ON(开)常开自锁，由OFF驱动复位	
COP-6□B 起动停止钮		钮组一常开一常闭，自动复位	
COP-2□S 双速钮		两钮联锁，自动复位、与常开触头比各有一提早，一滞后动合常开触头	
COP-2□K 三极直控 按钮开关		两钮联锁，自动复位、 各有三对同时动合的常开触头	额定电压380V 持续电流5A 电气寿命10万次
COP-2□ 二极直控 按钮开关		两钮联锁，自动复位、一组直通二队同时动合的常开触头	额定电压380V 持续电流15A 电气寿命10万次

该产品符合Q/YDDO2-OO，JEC.60947-5-1，GB14048.5-2001标准

外形及安装尺寸

序号	a	b	H1	H2	Φ
COP-61	68	50	127	224	12或15
COP-62△			197	308	
COP-63△			257	368	
COP-64△			317	428	18
COP-65△			377	488	
COP-2□△	68	70	同COP-6□		



按钮标记

上、下或升、降；左右或东、西；前、后；或南、北；顺、倒(上)、慢(下)，起动、停止(总停)

方向符号: ⇳ ⇕ ⇦ ⇧ ⇙ ⇘; ↻ ↺ △

(双速) ⇳ ⇕ ⇦ ⇨ ⇗ ⇖ (A钮)

On、OFF; (B钮或备用钮) O x

型号及含义

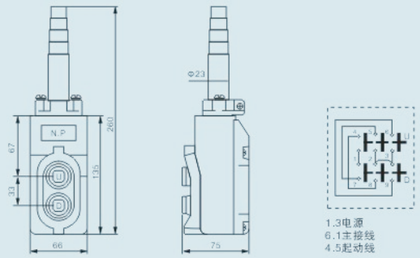
COP 6 □ △ ○

- 附带功能按钮组数(一组时省略)
- 附带功能按钮代号
- 按钮总组数
- 设计代号 6-控按钮开关 / 2-直控电动机按钮开关
- 防雨型按钮开关

COP系列防雨型起重机用控制站
COP Pendant control stations series

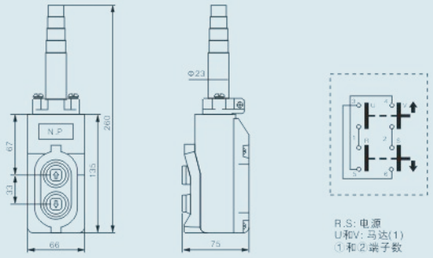


COP-213



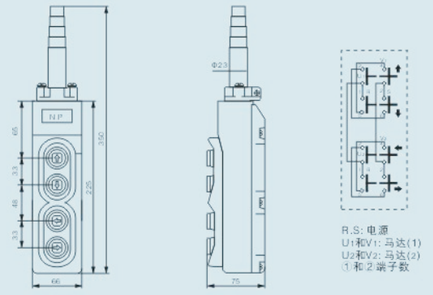


COP-21



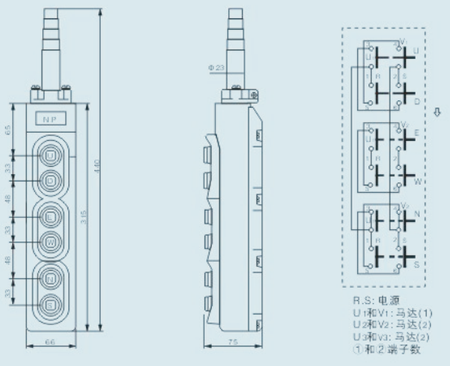


COP-22

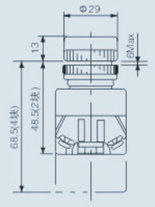
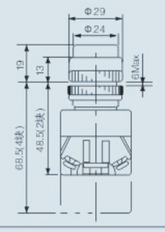
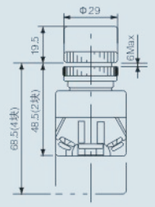
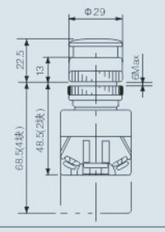
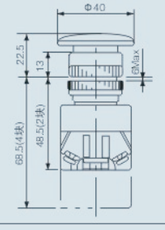
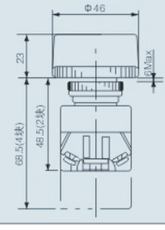




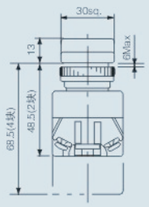
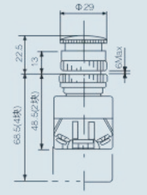
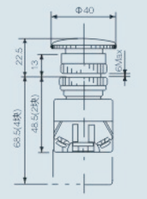
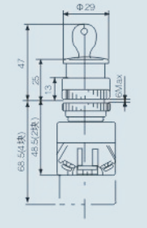
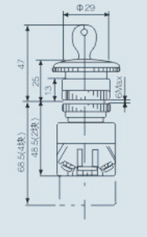
COP-23



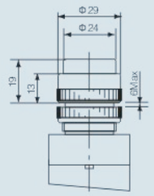
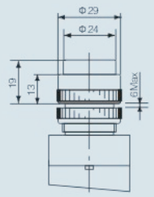
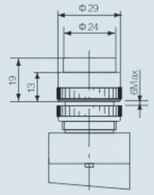
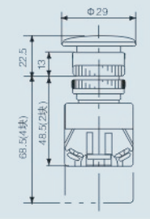
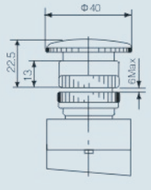
YHLA1(Y090)系列按钮
YHLA1(Y090) Pushbutton series

按钮 Push button	说明 Description	触点类型 Contact type	颜色 Color	型号 Type	外形尺寸 Dimesions
	平台型 Flat roof	1NO 1NC 1NO-1NC 2NO 2NC 2NO-2NC	Black Green Red Yellow Blue White	LBW110E※P LBW101E※P LBW111E※P LBW120E※P LBW102E※P LBW122E※P	
	凸型 Protrusion	1NO 1NC 1NO-1NC 2NO 2NC 2NO-2NC	Black Green Red Yellow Blue White	LBW210E※P LBW201E※P LBW211E※P LBW220E※P LBW202E※P LBW222E※P	
	凸型带全保护 Protrusion with whole protection	1NO 1NC 1NO-1NC 2NO 2NC 2NO-2NC	Black Green Red Yellow Blue White	LBFW210E※P LBFW201E※P LBFW211E※P LBFW220E※P LBFW202E※P LBFW222E※P	
	蘑菇型 Mushroom	1NO 1NC 1NO-1NC 2NO 2NC 2NO-2NC	Black Green Red Yellow Blue White	LBW310E※P LBW301E※P LBW311E※P LBW320E※P LBW302E※P LBW322E※P	
	蘑菇型 Mushroom	1NO 1NC 1NO-1NC 2NO 2NC 2NO-2NC	Black Green Red Yellow Blue White	LBW410E※P LBW401E※P LBW411E※P LBW420E※P LBW402E※P LBW422E※P	
	蘑菇型带全保护 Mushroom with whole protection	1NO 1NC 1NO-1NC 2NO 2NC 2NO-2NC	Black Green Red Yellow Blue White	LBGW410E※P LBGW401E※P LBGW411E※P LBGW420E※P LBGW402E※P LBGW422E※P	

YHLA1(Y090) 系列按钮
YHLA1(Y090) Pushbutton series

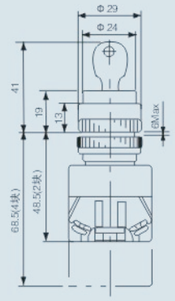
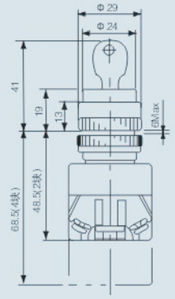
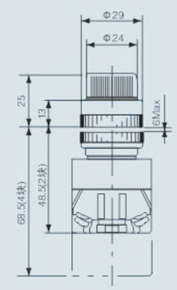
按钮 Push button	说明 Description	触点类型 Contact type	颜色 Color	型号 Type	外形尺寸 Dimesions
	方平台型 Squareness flat roof	1NO 1NC 1NO–1NC 2NO 2NC 2NO–2NC	● Black ● Green ● Red ● Yellow ● Blue ○ White	LBQW110E※P LBQW101E※P LBQW111E※P LBQW120E※P LBQW102E※P LBQW122E※P	
	按锁定转复位	1NO 1NC 1NO–1NC 2NO 2NC 2NO–2NC	● Red Φ29	LVW310EPR LVW301EPR LVW311EPR LVW320EPR LVW302EPR LVW322EPR	
	按锁定转复位	1NO 1NC 1NO–1NC 2NO 2NC 2NO–2NC	● Red Φ40	LVW410EPR LVW401EPR LVW411EPR LVW420EPR LVW402EPR LVW422EPR	
	按锁定钥匙转复位	1NO 1NC 1NO–1NC 2NO 2NC 2NO–2NC	● Red Φ29	LXW310EPR LXW301EPR LXW311EPR LXW320EPR LXW302EPR LXW322EPR	
	按锁定钥匙转复位	1NO 1NC 1NO–1NC 2NO 2NC 2NO–2NC	● Red Φ40	LXW410EPR LXW401EPR LXW411EPR LVXW420EPR LXW402EPR LXW422EPR	

YHLA1(Y090) 系列照明按钮
YHLA1(Y090) Pushbutton series

按钮 Push button	说明 Protrusion	输入类型 Input type	触点类型 Contact type	颜色 Color	型号 Type	外形尺寸 Dimesions
	凸型 LED照明 Protrusion	变压器式 Transformer 直接式 Directly 变压器式 Transformer 直接式 Directly	1NO–1NC 2NO 1NO–1NC 2NO 1NO–1NC 2NO 1NO–1NC 2NO	● Red ● Yellow ● Green ● Blue ○ Red	LLW2□11DE※P LLW2□20DE※P LLW29911DE※P LLW29920DE※P LOLW2□11DE※P LOLW2□20DE※P LOLW29911DE※P LOLW29920DE※P	
	凸型 白炽灯照明 Protrusion	变压器式 Transformer 直接式 Directly 变压器式 Transformer 直接式 Directly	1NO–1NC 2NO 1NO–1NC 2NO 1NO–1NC 2NO 1NO–1NC 2NO	● Red ● Yellow ● Green ● Blue ○ Red	LLW2□11E※P LLW2□20E※P LLW29911E※P LLW29920E※P LOLW2□11E※P LOLW2□20E※P LOLW29911DE※P LOLW29920DE※P	
	凸型带全保护套 LED照明 Protrusion with whole protection	变压器式 Transformer 直接式 Directly	1NO–1NC 2NO 1NO–1NC 2NO	● Red ● Yellow ● Green ● Blue ○ Red	LLFW2□11DE※P LLFW2□20DE※P LLFW29911DE※P LLFW29920DE※P LLFW2□11E※P LLFW2□20E※P LLFW29911E※P LLFW29920E※P	
	凸型带变压器 白炽灯照明 Protrusion with transformer	变压器式 Transformer	1NO–1NC	● Red ● Yellow ● Green ● Blue ○ Red	LLW2□11E※P	
	蘑菇型 LED照明 Mushroom 蘑菇型 白炽灯照明 Mushroom	直接式 Directly 直接式 Directly	1NO–1NC 1NO–1NC	● Red ● Yellow ● Green ● Blue ○ Red	LLW499DE※P LLW49911E※P	
	按锁定、转复位 LED照明 Mushroom 按锁定、转复位 白炽灯照明 Mushroom	直接式 Directly 直接式 Directly	1NO–1NC 1NO–1NC	● Red	LVLW49911DEPR LVLW49911EPR	

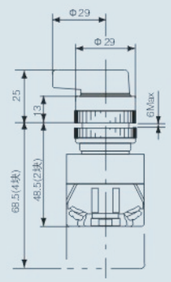
YHLA1 SERIES

YHLA1(Y090) 钥匙选择钮
YHLA1(Y090) Pushbutton series

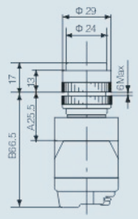
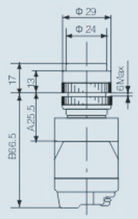
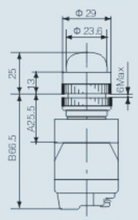
按钮 Push button	说明 Protrusion	触点类型 Contact type	位置 Locality	型号 Type	外形尺寸 Dimesions
	钥匙型 Key	1NO(10) 1NO–1NC(11) 2NO(20) 2NO–2NC(22)	L R 90° 2位保持式	LSW2K10EP LSW2K11EP LSW2K20EP LSW2K22EP	
	钥匙型 Key	2NO(20)	L C R 45° 3位保持 L C R 45° 3位自复	LSW3K20EP LSW33K20EP	
	钥匙型 Key	1NO(10) 1NO–1NC(11) 2NO–20NC 2NO–2NC(22)	L R 90° 2位保持式	LSW2K10EP LSW2K11EP LSW2K20EP LSW2K22EP	
	旋钮式 Eddy	1NO(10) 1NO–1NC(11) 2NO–20NC 2NO–2NC(22)	L R 90° 2位保持式	LSW210EP LSW211EP LSW220EP LSW222EP	
	旋钮式 Eddy	2NO(20)	L C R 45° 3位保持 L C R 45° 3位自复	LSW320EP LSW3320EP	

YHLA1 SERIES

YHLA1(Y090) 钥匙选择钮
YHLA1(Y090) Pushbutton series

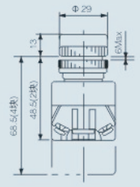
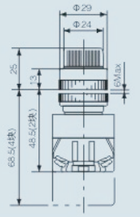
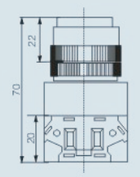
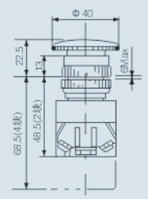
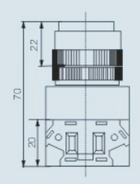
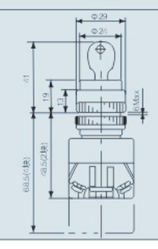
按钮 Push button	说明 Description	触点类型 Contact type	位置 Locality	型号 Type	外形尺寸 Dimesions
	杆式 Pole	1NO(10) 1NO–1NC(11) 2NO–20NC 2NO–2NC(22)	L R 90° 2位保持式	LSW2L10EP LSW2L11EP LSW2L20EP LSW2L22EP	
	杆式 Pole	2NO(20) 2NO–2NC(22)	L C R 45° 3位保持 L C R 45° 3位自复	LSW3L20EP LSW3L22EP LSW33L20EP LSW33L22EP	

指示灯

按钮 Push button	说明 Description	输入类型 Input type	颜色 Color	型号 Type	外形尺寸 Dimesions
 平台型	LED	变压器式 Transformer 直接式 Directly	Red Yellow Green Blue Red	LPW1□6DE※P LPW199DE※P	
	白炽灯	变压器式 Transformer 直接式 Directly		LPW1□6E※P LPW199E※P	
 圆顶型	LED	变压器式 Transformer 直接式 Directly	Red Yellow Green Blue Red	LPW1B□6DE※P LPW1B99DE※P	
	白炽灯	变压器式 Transformer 直接式 Directly		LPW1B□6E※P LPW1B99E※P	
	LED	变压器式 Transformer 直接式 Directly	Red Yellow Green Blue Red	LPW2□6DE※P LPW299DE※P	
	白炽灯	变压器式 Transformer 直接式 Directly		LPW2□6E※P LPW299E※P	

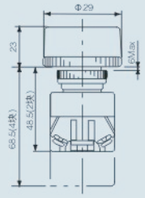
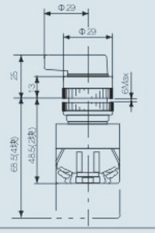
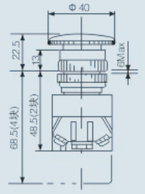
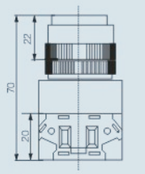
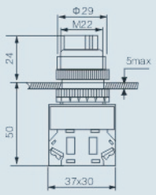
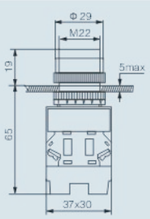
YHLA1 SERIES

YHLA1(LAY90/Y090)系列按钮
YHLA1(LAY90/Y090) Pushbutton series

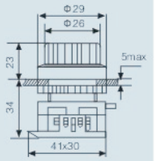
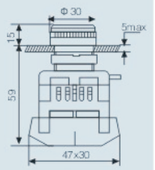
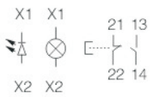
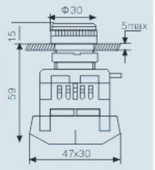
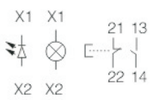
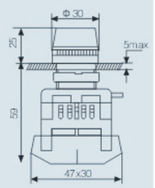
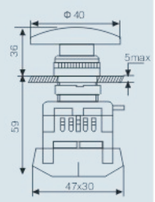
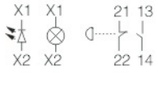
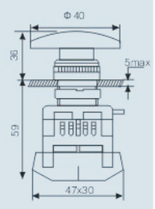
按钮 Push button	说明 Description	功能 Function	颜色 Color	型号 Type	外形尺寸 Dimesions
	普通按钮 Normal	瞬时型 Momentary	● Black ● Green ● Red ● Yellow ● Blue ○ White	YHLA1-11BN	
	自锁按钮 Lockrd itself	交替型 Alternate		YHLA1-11BNZS	
	二位旋钮开关 Two level gyral buttons	交替型 Alternate	● Black ● Green ● Red ● Yellow	YHLA1-11X/21	
	二位自复旋钮开关 Two level gyral buttons and resumed itself	瞬时型 Momentary		YHLA1-20X/22	
	带灯按钮 With lamp	瞬时型 Momentary	● Green ● Red ● Yellow ● Blue ○ White	YHLA1-11D	
	带灯自锁按钮 Locked itself with lamp	交替型 Alternate		YHLA1-11DZS	
	紧停按钮 Stopped urgently	旋转复位型 Rotating And Reset	● Green ● Red ● Yellow	YHLA1-11ZS	
	高位按钮 Ligh level	瞬时型 Momentary	● Black ● Green ● Red ● Yellow ○ White	YHLA1-11GN	
	高位自锁 Ligh level and locked itself	交替型 Alternate		YHLA1-11GNZS	
	二位钥匙开关 Two level key buttons	交替型 Alternate		YHLA1-11Y/21	
	三位钥匙开关 Three level key buttons	交替型 Alternate		YHLA1-11Y/31	

YHLA1 SERIES

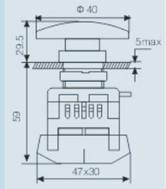
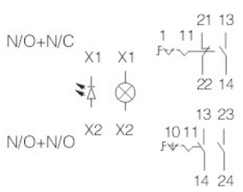
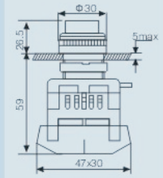
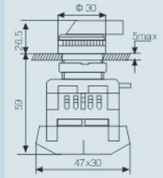
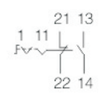
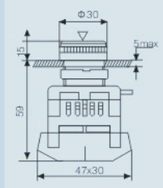
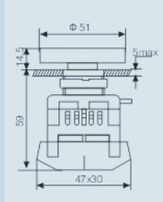
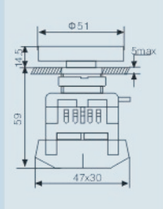
YHLA1(LAY90/Y090)系列按钮
YHLA1(LAY90/Y090) Pushbutton series

按钮 Push button	说明 Description	功能 Function	颜色 Color	型号 Type	外形尺寸 Dimesions
	蘑菇头按钮 Mushroom head	瞬时型 Momentary	● Green ● Red ● Yellow	YHLA1-11M	
	三位旋钮开关 Three level gyral buttons	交替型 Alternate	● Black ● Green ● Red ● Yellow	YHLA1 -11XB/31	
	三位自复旋钮开关 Three level gyral buttons and resumed itself	瞬时型 Momentary		YHLA1-20XB/33	
	三位半复位开关 Three leve gyral buttons and resumed half itself	交替瞬时型 Alternate and Momentary		YHLA1-20XB/32	
	蘑菇头带灯按钮 Mushroom head with lamp	瞬时型 Momentary	● Green ● Red ● Yellow	YHLA1-11DM	
	蘑菇头带灯自锁按钮 Mushroom head with lamp and locked itself	交替型 Alternate		YHLA1-11DMZS	
	信号灯 Signal lamp	旋转复位型 Rotating And Reset	● Green ● Red ● Yellow ● Blue ○ White	YHLA-XD(SLC)	
	二位旋钮带灯 Two level gyral buttons	交替型 Alternate	● Green ● Red ● Yellow	YHLA1-11XD/21	
	三位旋钮带灯 Three level gyral buttons	交替型 Alternate		YHLA1-11XD/31	
	平型带灯按钮 Flat floor with lamp	瞬时型 Momentary	● Green ● Red ● Yellow ● Blue ○ White	YHLA1-11DB	
	平型带灯自锁按钮 Flat floor with lamp and locked itself	交替型 Alternate		YHLA1-11DBNZS	

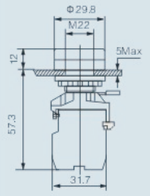
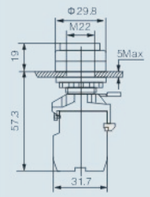
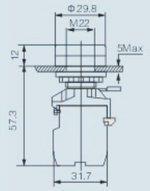
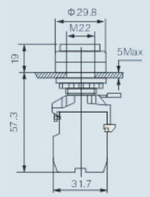
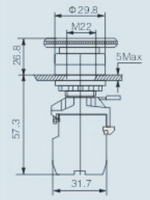
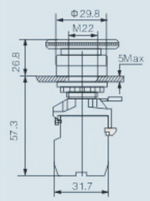
A 系列按钮
A Pushbutton series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 AL-22TE	指示灯 Indicator BA 9S LED 24V/AC/DC Neon 220V/AC			Red Green/PG Yellow White/PW Pure Blue	AL-22TE	
 ABF-22&25	平钮 Flush button 22&25 Auto-return	N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	ABF-22&25 ABF-22&25	
 AELFS-22&25	带灯平钮 Flush button with lamb LED 24V/AC/DC Neon 220V/AC 22&25	N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	AELFS-22&25 AELFSL-22&25	
 AELF-22&25	带灯凸钮 Convex button with lamb BA9S LED 24V/AC/DC Neon 220V/AC	N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	AELF-22&25 AELFL-22&25	
 AEA-22&25	蘑菇钮 Mushroom button 22&25 Auto-return	N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	AEA-22&25 AEAL-22&25	
 AELA-22&25	带灯蘑菇钮 Mushroom button with lamb BA9S LED 24V/AC/DC Neon 220V/AC 22&25	N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	AELA-22&25 AELAL-22&25	

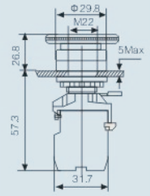
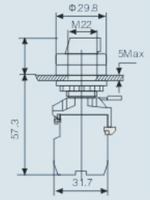
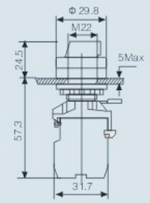
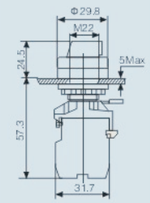
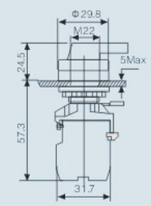
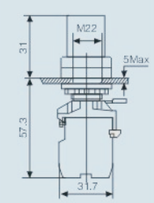
A 系列按钮
A Pushbutton series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 AE-22&25	自锁蘑菇钮 Auto-locking mushroom Emergency push button push then locking rotary in a clockwise direction to release 22&25	N/O+N/C		Red	AE-22&25	
 ANC-22&25	选择开关 selector switch with lamp standard handle 22&25	N/O+N/C N/O+N/O		Red Green/PG Yellow	ANC-22&25	
 ALC-22&25	长柄选择开关 selector switch two-position switch long handle three-position 22&25	N/O+N/C N/O+N/O		Red Green/PG Yellow Black	ALC-22&25	
 AKS-22&25	选择自锁开关 Two-position switch selector switch with key key release (key n° 455) three-position switch	N/O+N/C		Null	AKS-22&25	
 AS-22&25	双头按钮开关 One green and one red pushbutton marked one pliot light with yellow lens 220/250V BA9S 130V buld included 22&25 IP40	N/O+N/C		Red O off Yellow Green I on	AS-22&25	
 APBB-22&25	双头按钮开关 One green and one red pushbutton marked one pliot light with yellow lens 220/250V BA9S 130V buld included 22&25 IP40	N/O+N/C		Red O off Yellow Green I on	APBB-22&25	

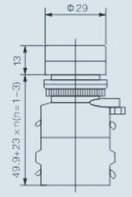
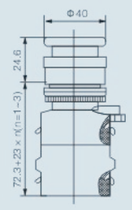
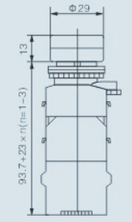
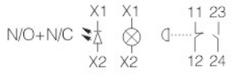
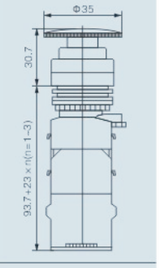
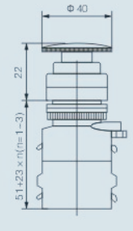
LA42 系列按钮
LA42 Pushbutton series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 LA42–11BN	平钮 Flush button Auto–return Auto–locking	N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	LA42–11BN LA42–11BNZ	
 LA42–11GN	凸钮 Convex button Auto–return Auto–locking	N/O N/C N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	LA42–01GN LA42–01GNZ LA42–10GN LA42–10GNZ LA42–11GN LA42–11GNZ	
 LA42–11BND	带灯平钮 Flush button with lamp LED 24V/AC/DC Neon 220V/AC	N/O+N/C X1 X1 X2 X2		Red Green/PG Yellow White/PW Pure Blue	LA42–11BND LA42–11BNDZ	
 LA42–11GND	带灯凸钮 Convex button with lamb LED 24V/AC/DC Neon 220V/AC Concex button Auto–locking with lamp	N/O+N/C X1 X1 X2 X2		Red Green/PG Yellow White/PW Pure Blue	LA42–11GND LA42–11GNDZ	
 LA42–11M	蘑菇钮 Mushroom button Auto–return Auto–locking mushroom	N/O+N/C		Red Green/PG Yellow White/PW Pure Blue	LA42–11M LA42–11MZ	
 LA42–11MD	带灯蘑菇钮 Mushroom button with lamb BA9S LED 24V/AC/DC Neon 220V/AC Auto–locking mushroom with lamp	N/O+N/C X1 X1 X2 X2		Red Green/PG Yellow White/PW Pure Blue	LA42–11MD LA42–11MDZ	

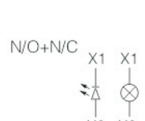
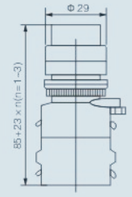
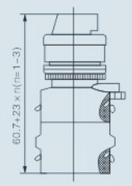
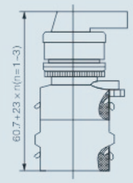
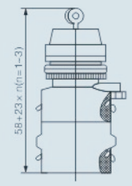
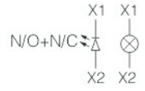
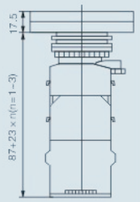
LA42 系列按钮
LA42 Pushbutton series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 LA42–11ZS	自锁蘑菇钮 Auto–locking Mushroom Emergency push button push then locking rotary om a c;pckwise dorection to release	N/O+N/C		Red	LA42–11ZS	
 LA42–11X/31	选择开关 selector switch two–position switch three–position switch standard handle	N/O+N/C N/O+N/O		Red Black	LA42–11X/21 LA42–11X/31 LA42–20X/31 LA42–20X/32	
 LA42–11XD/21	选择开关 selector switch with lamp standard handle three–position switch	N/O+N/C X1 X1 X2 X2 N/O+N/O		Red Green/PG Yellow	LA42–11XD/21 LA42–11XD/31 LA42–20XD/31 LA42–20XD/32	
 LA42–11XD/31	选择开关 selector switch with lamp standard handle three–position switch	N/O+N/C N/O+N/O		Red Green/PG Yellow	LA42–11XD/31 LA42–11XD/32	
 LA42–11XB/21	选择自锁开关 Two–position selector switch long handle three–position switch	N/O+N/C N/O+N/O		Black	LA42–11XB/21 LA42–11XB/31 LA42–20XB/32	
 LA42–11RX/21	手动旋钮开关 Two–rotary switch by hand	N/O+N/C		Black	LA42–11RX/21	

LA38 系列按钮
LA38 Pushbutton series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 LA38–11	平钮 Flush button Auto–return Auto–locking	N/O+N/C		Red Green Yellow White Blue Black	LA38–11 LA38–11Z	
 LA38–11M	蘑菇钮 Mushroom button Auto–return Auto–locking mushroom	N/O+N/C		Red Green/PG Yellow	LA38–11M	
 LA38–11D	带灯平钮 Flush button with lamp 6~380V	N/O+N/C 		Red Green/PG Yellow	LA38–11D LA38–11DZ	
 LA38–11MD	带灯蘑菇钮 Mushroom button with lamp 6~380V	N/O+N/C 		Red Green/PG Yellow	LA38–11MD LA38–11MDZ	
 LA38–11ZS	自锁蘑菇钮 Auto–locking mushroom Emergency push button push then locking rotary in a clockwise direction to release	N/O+N/C		Red	LA38–11ZS	

LA38 系列按钮
LA38 Pushbutton series

按钮 Push button	说明 Description	触点类型 Contact type	电路 Circuit	颜色 Color	型号 Type	外形尺寸 Dimesions
 LA38–11XD	选择开关 selector switch with lamp standard handle two–position switch	N/O+N/C N/O+N/C 		Red Green/PG Yellow	LA38–11XD/21 LA38–11XD/31	
 LA38–11X	选择开关 Selector switch two–position switch three–position switch standard handle	N/O+N/C N/O+N/C			LA38–11X/21 LA38–11X/31	
 LA38–11XB	选择开关 Selector switch two–position switch three–position switch long handle	N/O+N/C N/O+N/C			LA38–11XB/21 LA38–11XB/31	
 LA38–11Y	钥匙开关 Two–position switch selector switch with key key release (key n° 455) three–position switch	N/O+N/C N/O+N/C			LA38–11Y/21 LA38–11Y/31	
 LA38–11HD	双头按钮开关 One green and one red pushbutton marked one pliot light with yellow lens 220/250V BA9S 130V buld included 22&25 IP40	N/O+N/C 		Red O off Yellow Green I on	LA38–11H LA38–11HD	

YHJ 金属按钮系列
YHJ Metal switch series

型号含义Models and meaning

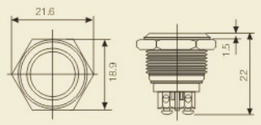
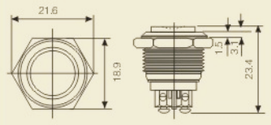
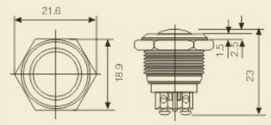
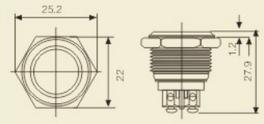
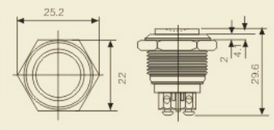
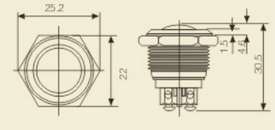
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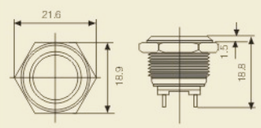
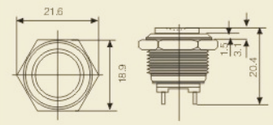
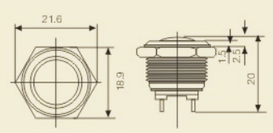
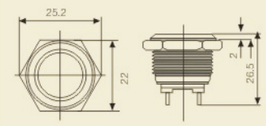
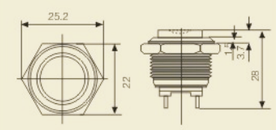
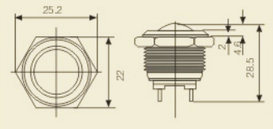
材料 Material:
Nil: 不锈钢 Stainless steel　T: 铜镀镍 Copper Plated Ni
电压 Voltage
D: 24VDC　　E: 12VDC　　F: 6.3VDC
A1: 110VAC　A2: 220VAC
颜色 Color
R: 红色　G: 绿色　B: 蓝色　K: 黑色　Y: 黄色　S: 金属色
安装方式 Install style
A螺丝型 Screw type　P: 焊接型PCV type
触点形式Contact type:
YHJ16、 19:1: 1　NO
YHJ16、19:0:无Nno　1:1a+1b　2:2a+2b
YHJ22、25:0:无Nno　1:1a+1b
头部形状 Shape of top
1: 平方Flat　2: 高位头High　3: 弧面头Cambered　7: 平头 Flat(LED)
型号Modle
2: 自复按钮Momentary　3: 自锁按钮Maintained
安装尺寸 Install size

技术参数Technical parameters

型号Type	YHJ22、25	YHJ16、19	YHJ16、19
热流Thremal current	5A	2A	3A
触点类型Contact type	B:1NO+1NC/2NO+2NC	1No	C:1NO B:1NO+1NC/2NO+2NC
触点材料Contact material	Silver plated gold	Silver plated	Silver plated gold
保护等级Degree of protection	IP67		
最大电压Maximum voltage	250VAC/DC		
最小负载Minimum applicable load	5VAC/DC 1mA		
端子形式Trminal style	110" solder/Quick connect		
运行温度Operating temperature	–25℃+55℃		
操作湿度Operating humidity	45–85%RH		
接触电阻Contact resistance	50MQ max		
绝缘电阻Insulation resistance	100MΩmin(500VDC megger)		
震荡电阻Vibration resistance	10to 55Hz amplitude 1.2mm P–P		
保护等级Degree of protection	>10g		
电气寿命Electrical life	100,000 operations minimum (at full rated load)		
机械寿命Mechanical Life	Maintained:1000,0000perations minimum		
	Momentary:1,000,000 operations minimum		
	Selecior / Keylock: 250,000 operations minimum		
耐压Dielectrical life	Switch unit: 2,000VAC,1min between live/dead part and terminals of different poles		
	1,000VAC,1 minute between terminals of the same pole;		
	1,500VAC,1 minute between contact and lamp terminals		
	Illumination unit: 2,000VAC,1min between live part/ground		
锡焊温度 Soldering temperature	20W/5 seconds or 260℃/3 seconds		

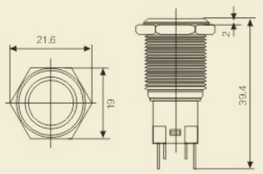
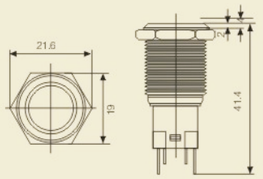
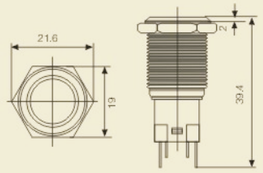
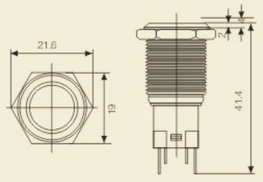
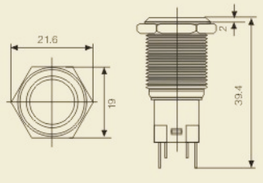
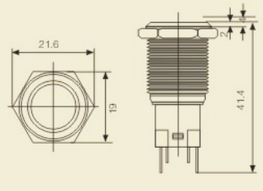
YHJ 金属按钮系列
YHJ Metal switch series

按钮 Push buttons	外形尺寸 Dimensions
 YHJ16–211A	平头螺丝型 Flat screw type 
 YHJ16–221A	高位螺丝型 High screw type 
 YHJ16–231A	弧面螺丝型 Cambered screw type 
 YHJ19–211A	平头螺丝型 Flat screw type 
 YHJ19–221A	高位螺丝型 High screw type 
 YHJ19–231A	弧面螺丝型 Cambered screw type 

按钮 Push buttons	外形尺寸 Dimensions
 YHJ16–211P	平头焊线型 Flat PCB type 
 YHJ16–221P	高位焊线型 Hight PCB type 
 YHJ16–231P	弧面焊线型 Cambered PCB type 
 YHJ19–211P	平头焊线型 Flat PCB type 
 YHJ19–221P	高位焊线型 High PCB type 
 YHJ19–231P	弧面焊线型 Cambered PCB type 

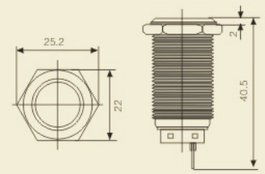
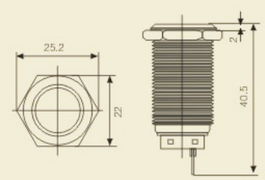
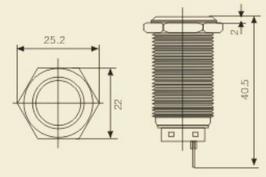
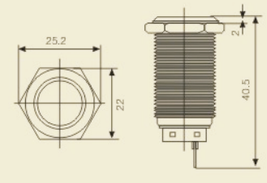
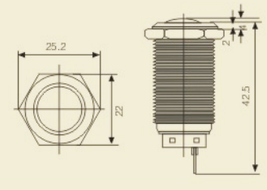
YHJ 金属按钮系列
YHJ Metal switch series

YHJ SERIES

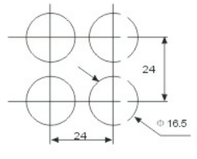
按钮 Push button	说明 Description	触点 Contact	颜色 Color	型号 Type	外形尺寸 Dimesions
 YHJ16–211	平头自复按钮 Flat momentary	1 Pole 2 Pole		YHJ16–211 YHJ16–212	
	平头自锁按钮 Flat maintained	1 Pole 2 Pole		YHJ16–311 YHJ16–312	
 YHJ16–221	高头自复按钮 High momentary	1 Pole 2 Pole		YHJ16–221 YHJ16–222	
	高头自锁按钮 High maintained	1 Pole 2 Pole		YHJ16–321 YHJ16–322	
 YHJ16–261	平头自复按钮 Flat momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ16–261 YHJ16–262	
	平头自锁按钮 Flat maintained	1 Pole 2 Pole			YHJ16–361 YHJ16–362	
 YHJ16–271	高头自复按钮 High momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ16–271 YHJ16–272	
	高头自锁按钮 High maintained	1 Pole 2 Pole			YHJ16–371 YHJ16–372	
 YHJ16–281	点面头自复按钮 Point momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ16–281 YHJ16–282	
	点面头自锁按钮 Point maintained	1 Pole 2 Pole			YHJ16–381 YHJ16–382	
 YHJ16–291	高位点面头自复按钮 High Point momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ16–281 YHJ16–282	
	高位点面头自锁按钮 High Point maintained	1 Pole 2 Pole			YHJ16–381 YHJ16–382	

YHJ 金属按钮系列
YHJ Metal switch series

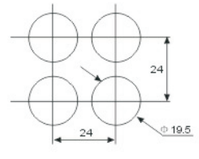
YHJ SERIES

按钮 Push button	说明 Description	触点 Contact	颜色 Color	型号 Type	外形尺寸 Dimesions
 YHJ16–211	平头自复按钮 Flat momentary	1 Pole 2 Pole		YHJ19–211 YHJ19–212	
	平头自锁按钮 Flat maintained	1 Pole 2 Pole		YHJ19–311 YHJ19–312	
 YHJ16–221	平头自复按钮 Flat momentary	1 Pole 2 Pole		YHJ19–231 YHJ19–232	
	平头自锁按钮 Flat maintained	1 Pole 2 Pole		YHJ19–331 YHJ19–332	
 YHJ16–261	平头自复按钮 Flat momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ19–271 YHJ19–272	
	平头自锁按钮 Flat maintained	1 Pole 2 Pole			YHJ19–371 YHJ19–372	
 YHJ16–271	点面头自复按钮 Point momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ19–281 YHJ19–282	
	点面头自锁按钮 Point maintained	1 Pole 2 Pole			YHJ19–381 YHJ19–382	
 YHJ16–281	弧面头自复按钮 Camnered momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ19–291 YHJ19–292	
	弧面头自锁按钮 Camnered Point maintained	1 Pole 2 Pole			YHJ19–391 YHJ19–392	

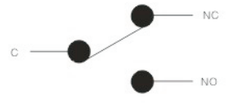
YHJ16安装尺寸 nstall size



YHJ19安装尺寸Install size

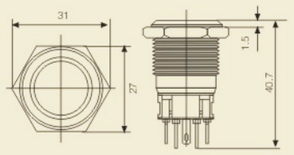
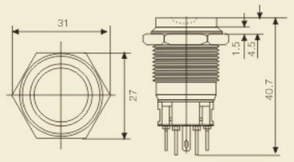
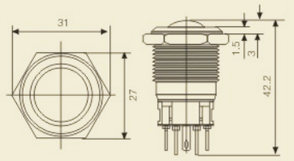
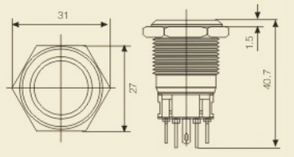
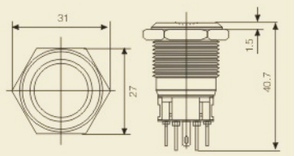


触点方式Contact style

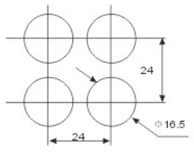


YHJ SERIES

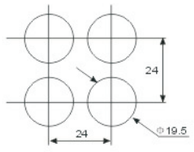
YHJ 金属按钮系列
YHJ Metal switch series

按钮 Push button	说明 Description	触点 Contact	颜色 Color	型号 Type	外形尺寸 Dimesions
 YHJ22-211	平头自复按钮 Flat momentary	1 Pole		YHJ22-211	
	平头自锁按钮 Flat maintained	1 Pole		YHJ22-311	
 YHJ22-221	高位头自复按钮 High momentary	1 Pole		YHJ22-221	
	高位头自锁按钮 High maintained	1 Pole		YHJ22-321	
 YHJ22-261	弧面头自复按钮 Camnered momentary	1 Pole		YHJ22-231	
	弧面头自锁按钮 Camnered Point maintained	1 Pole		YHJ22-331	
 YHJ22-271	平头自复按钮 Flat momentary	1 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ22-271	
	平头自锁按钮 Flat maintained	1 Pole			YHJ22-371	
 YHJ22-281	点面头自复按钮 Point momentary	1 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ22-281	
	点面头自锁按钮 Point maintained	1 Pole			YHJ22-381	

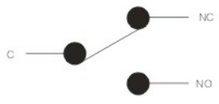
YHJ22安装尺寸Install size



YHJ25安装尺寸Install size

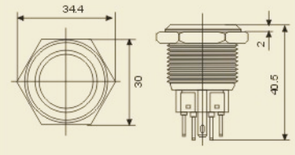
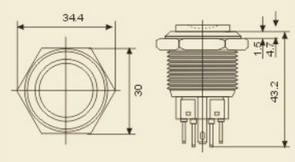
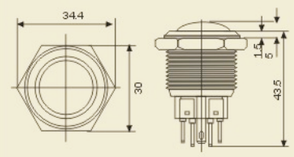
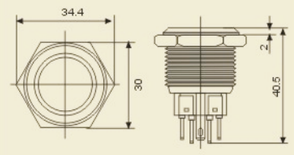
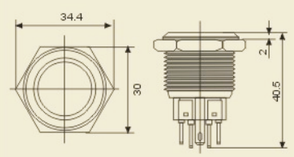


触点方式Contact style



YHJ SERIES

YHJ 金属按钮系列
YHJ Metal switch series

按钮 Push button	说明 Description	触点 Contact	颜色 Color	型号 Type	外形尺寸 Dimesions
 YHJ25-211	平头自复按钮 Flat momentary	1 Pole 2 Pole		YHJ25-211 YHJ25-212	
	平头自锁按钮 Flat maintained	1 Pole 2 Pole		YHJ25-311 YHJ25-312	
 YHJ25-221	高位头自复按钮 High momentary	1 Pole 2 Pole		YHJ25-221 YHJ25-222	
	高位头自锁按钮 High maintained	1 Pole 2 Pole		YHJ25-321 YHJ25-322	
 YHJ25-231	弧面头自复按钮 Camnered momentary	1 Pole 2 Pole		YHJ25-231 YHJ25-232	
	弧面头自锁按钮 Camnered Point maintained	1 Pole 2 Pole		YHJ25-331 YHJ25-332	
 YHJ25-271	平头自复按钮 Flat momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ25-271 YHJ25-371	
	平头自锁按钮 Flat maintained	1 Pole 2 Pole			YHJ25-371 YHJ25-382	
 YHJ25-281	点面头自复按钮 Point momentary	1 Pole 2 Pole	24VDC 12VDC 6.3VDC 110VAC 220VAC	Red Green Yellow Blue Black	YHJ25-281 YHJ25-381	
	点面头自锁按钮 Point maintained	1 Pole 2 Pole			YHJ25-381 YHJ25-381	

工作电压Working voltage		阻性	24V	110V	220V
接触参数 Contact parameter	AC(50/60Hz)	感性	–	1.0A	0.5A
		阻性	–	0.7A	0.5A
	DC	感性	1.0A	0.2A	–
			0.7A	0.1A	–

LAY90-V16系列按钮
LAY90–V16 Push button series

□适用范围

LAY90–V16 系列按钮功能齐全，能充分满足国内外程控装置、电子电器控制的需要，广泛应用于交流50Hz/60Hz, 电压AC/DC220V的机床、纺织、船舶、航空、汽车、烟草、电力、电讯、医疗器械等各领域做控制电路、信号、联锁等配套使用。

□结构特点

LAY90–V16 系列按钮由组成头部操作机构的螺纹套部件和组成触头动作机构的基座部件二大系统组成。所有结构件的联接均采用国际先进的紧固件卡扣自锁联接的结构形式，装拆方便、安全可靠。并采用防转动结构，使按钮安装定位正确，防止松动。

□触点

基座部件具有一个常开和一个常闭或二个常开和二个常闭触头，设计有触点自洁机构，属单断瞬动型开关，触头连同接触片整体镀金是接触可靠、电性能稳定的确切保证。

□Application range

LAY90–V16 series pushbutton can be used in many fields with its complete functions, They can sufficiently meet the need of digital programmed control system and electric control machine all the world. They are widely applied to textile machine, aerospace, automobile, tobacco machine, electric power, telecommunication and medical instruments which their power supply is 220V AC 50Hz 0r 60Hz 220V DC, acting as part of circuit control, signal control and interlock in the machine.

□Constructional feature

LAY90–V16 series pushbuttons consist of two main systems; one is screw–set unit which forms the operating device, another is the basic unit, which acts as the contact device. All the constructional connections adopt the advanced international technologies that are integrated snap–fastening and self–locking modes without any clamping units, so it highly dependable and easy to assemble and disassemble. The anti–rotating structure ensures the accurate mounting position of pushbuttons and prevents them from becoming loose.

□Contact

The basic unit of the pushbutton has 1 NO and 1 NC or 2NO and 2 NC contacts with a self–cleaning system It belongs to single break momentary switches. Both the contact head and the contact piece are gold–planted to ensure a reliable contact and stable electrical performance.

□型号含义 Models and meaning

LAY90 – □ □ □ □/□ □

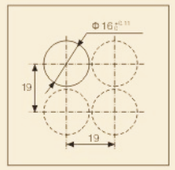
- 电压等级代码Voltage code
  - 21: AC/DC 6V　22: AC/DC 12V　23: AC/DC 24V
  - 26: AC/DC 110V　28: AC/DC 220V　31: AC/DC 220V
- 颜色代码Color code
  - R–红Red　G–绿G reen　Y–黄Yellow　B–蓝Blue　W–白White　K–黑Black
- 头部形状Head shape
  - 无不标符号为圆形No mark round　F: 方形 Square　J: 矩形 Rectangle
- 操作形状Working manner
  - 无不标符号为一股钮 No mark normal button　D: 带灯钮Illuminated
  - M: 蘑菇钮 Mushroom push button　X: 二位置旋钮 2 pos. Selector switch
  - XS: 三位置旋钮 3 pos Selector switch　Y: 二位置钥匙钮 2 pos Key selector
  - YS: 三位置钥匙钮 3 pos Key selector　T: 自锁钮 Maintained pushbutton
  - Z: 紧急停止钮 Emergency stop button　S: 符号钮 Symbol button
- 触点数Contact number
  - 1 1: 一常开一常闭NO+NC;　22: 二常开二常闭2NO+2NC
- 按钮安装外径Mounting outside diamete r
  - V: Φ16mm　F: Φ12mm

□技术参数 Technical parameter

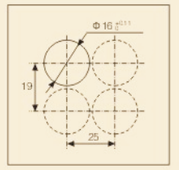
工作温度Operational temperature		–25℃~+55℃		
工作湿度Operational humidity		45~85%RH		
接触电阻Contact resistance		≤50MΩ		
绝缘电阻Insulation resistance		≥100MΩ		
工频耐压Power–frequency withstand voltage		2000VAC		
电气寿命Electrical life	AC–15	10万次(300次/小时) 0.1 mil operations 300 time/per hour		
	DC–13	5万次(300次/小时) 50 thousand operations time/per hour		
防护等级Protection level		IP40		
动作行程Operational travel		1.5~2.0mm		
额定绝缘电压Ui Rated insulation voltage Ui		250V		
约定发热电流Ith Conventional thermal current Ith		5A		
额定工作电压Ue Rated operational voltage Ue		220V	24V	110V
额定工作电流Ie Rated operational currrent Ie	AC–15	0.5A	2A	1A
	DC–13	0.1A	0.7A	0.2A

□安装开孔尺寸 Size of mounting hole

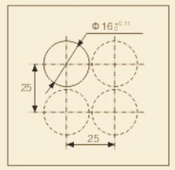
圆形/方形头部开孔
Drilling plan for round and square operators



矩形头部开孔
Drilling plan for rectangular operators



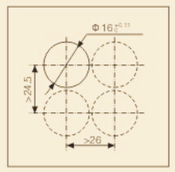
蘑菇头部开孔
Drilling plan for mushroom button operators



安装防护罩F–I头部的开孔
Drilling plan for operators with cap F–I

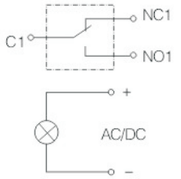


安装防护罩F–II头部的开孔
Drilling plan for operators with cap F–II

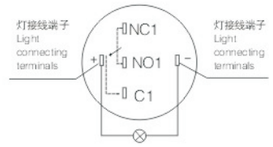


□触点形式及接线示意图 Contact model and wiring diagram

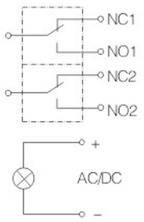
一常开一常闭
One normally open and one normally close, wiring diagram



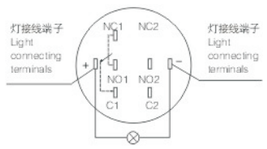
接线示意图
Light connecting terminals



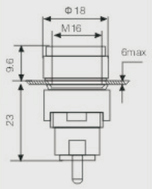
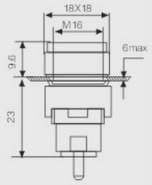
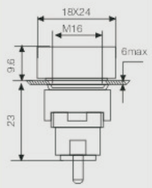
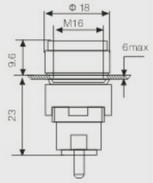
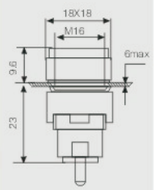
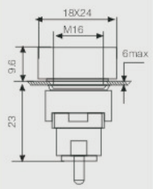
二常开二常闭
Two normally open and Two normally close, wiring diagram



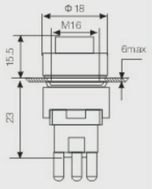
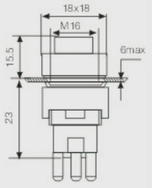
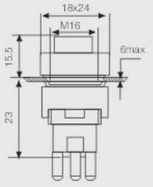
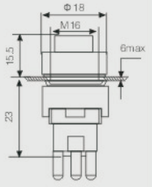
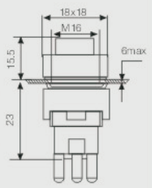
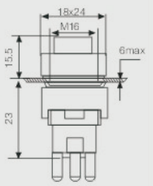
接线示意图
Light connecting terminals



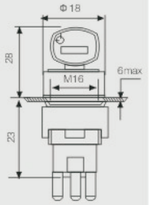
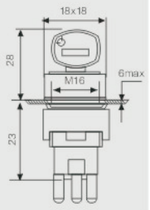
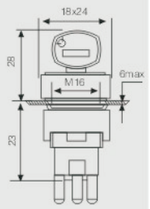
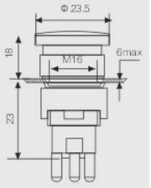
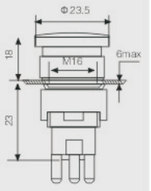
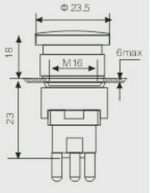
LAY90-V16 系列按钮
LAY90–V16 Push button series

按钮 Push button	说明 Description	工作状态 Seitehing action	灯电压 Lamp voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 LAY90–V11	圆钮 Round push button	瞬动 Momentary 自锁 Maintained		Red Green/PG Yellow Pure Blue White/PW	LAY90–V11/□□ LAY90–V22/□□ LAY90–V11T/□□ LAY90–V22T/□□	
 LAY90–V11F	方钮 Square push button	瞬动 Momentary 自锁 Maintained		Red Green/PG Yellow Pure Blue White/PW	LAY90–V11F/□□ LAY90–V22F/□□ LAY90–V11TF/□□ LAY90–V22TF/□□	
 LAY90–V11J	矩钮 Rectangle push button	瞬动 Momentary 自锁 Maintained		Red Green/PG Yellow Pure Blue White/PW	LAY90–V11J/□□ LAY90–V22J/□□ LAY90–V11TJ/□□ LAY90–V22TJ/□□	
 LAY90–V11D	带灯圆钮 Illuminated Round push button	瞬动 Momentary 自锁 Maintained	AC/DC 6V 12V 24V 48V 127V 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–V11D/□□ LAY90–V22D/□□ LAY90–V11TD/□□ LAY90–V22TD/□□	
 LAY90–V11DF	带灯方钮 Illuminated Square push button	瞬动 Momentary 自锁 Maintained	AC/DC 6V 12V 24V 48V 127V 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–V11DF/□□ LAY90–V22DF/□□ LAY90–V11TDF/□□ LAY90–V22TDF/□□	
 LAY90–V11DJ	带灯矩钮 Illuminated Rectangle push button	瞬动 Momentary 自锁 Maintained	AC/DC 6V 12V 24V 48V 127V 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–V11DJ/□□ LAY90–V22DJ/□□ LAY90–V11TDJ/□□ LAY90–V22TDJ/□□	

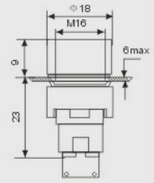
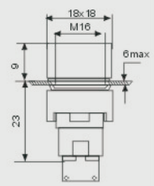
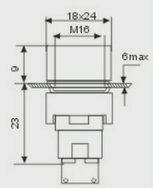
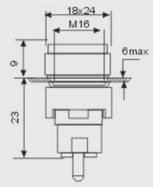
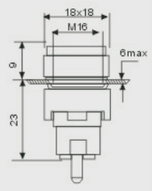
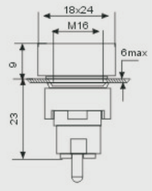
LAY90-V16 系列按钮
LAY90–V16 Push button series

按钮 Push button	说明 Description	工作状态 Seitehing action	灯电压 Lamp voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 LAY90–V11X	圆形旋钮 Round Turn button	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained		Black	LAY90–V11X/□□ LAY90–V22X/□□ LAY90–V22XS/□□	
 LAY90–V11XF	方形旋钮 Square Turn button	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained		Black	LAY90–V11XF/□□ LAY90–V22XF/□□ LAY90–V22XSF/□□	
 LAY90–V11XJ	矩形旋钮 Rectangle Turn button	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained		Black	LAY90–V11XJ/□□ LAY90–V22XJ/□□ LAY90–V22XSJ/□□	
 LAY90–V11XD	圆形带灯旋钮 Round illuminated Turn button	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained	AC/DC 6V 24V 110V DC 220V AC 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–V11XD/□□ LAY90–V22XD/□□ LAY90–V22XSD/□□	
 LAY90–V11XDF	方形带灯旋钮 Square illuminated Turn button	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained	AC/DC 6V 24V 110V DC 220V AC 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–V11XDF/□□ LAY90–V22XDF/□□ LAY90–V22XSDF/□□	
 LAY90–V11XDJ	矩形带灯旋钮 Rectangle illuminated Turn button	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained	AC/DC 6V 24V 110V DC 220V AC 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–V11XDJ/□□ LAY90–V22XDJ/□□ LAY90–V22XSDJ/□□	

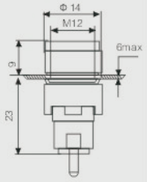
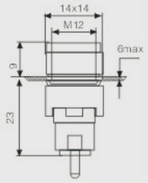
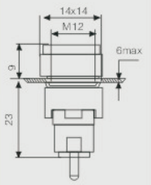
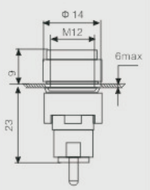
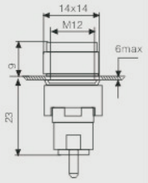
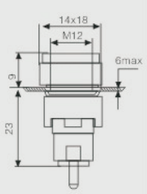
LAY90-V16 系列按钮
LAY90–V16 Push button series

按钮 Push button	说明 Description	工作状态 Seitehing action	灯电压 Lamp voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 LAY90–V11Y	圆形钥匙钮 Round Key selectors	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained		● Black	LAY90–V11Y/□□ LAY90–V22Y/□□ LAY90–V22YS/□□	
 LAY90–V11YF	方形钥匙钮 Square Key selectors	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained		● Black	LAY90–V11YF/□□ LAY90–V22YF/□□ LAY90–V22XSF/□□	
 LAY90–V11YJ	矩形钥匙钮 Rectangle Key selectors	L R 90° 二位置保持 2–pos.maintained L C R 45° 45° 三位置保持 3–pos.maintained		● Black	LAY90–V11YJ/□□ LAY90–V22YJ/□□ LAY90–V22YSJ/□□	
 LAY90–V11Z	紧急钮 Emergency stop pushbutton	按下锁定 右旋复位 Push to maintained turn right to release	AC/DC 6V 12V 24V 110V DC 220V AC 220V	● Red	LAY90–V11Z/□□ LAY90–V22Z/□□	
 LAY90–V11M	蘑菇钮 Mushroom pushbutton	瞬动 Momentary 自锁 Maintained	AC/DC 6V 12V 24V 110V DC 220V AC 220V	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	LAY90–V11M/□□ LAY90–V22M/□□ LAY90–V11MT/□□ LAY90–V22MT/□□	
 LAY90–V11MD	带灯蘑菇钮 Illuminated Mushroom pushbutton	瞬动 Momentary 自锁 Maintained	AC/DC 6V 12V 24V 110V DC 220V AC 220V	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW	LAY90–V11MD/□□ LAY90–V22MD/□□ LAY90–V11MTD/□□ LAY90–V22MTD/□□	

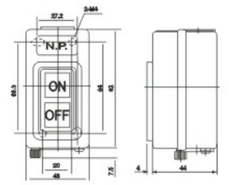
LAY90-V16 系列按钮
LAY90–V16 Push button series

按钮 Push button	说明 Description	工作状态 Seitehing action	灯电压 Lamp voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 LAY90–VAF	圆形蜂鸣器 Round indicator buzzer	75dB在10cm处额定电压下 2300Hz ± 400Hz 75db at the distance of 10cm and rated voltage supplied A间断interrupted B长鸣constant	AD/DC 6V 12V 24V 36V 48V	● Black	LAY90–AF	
 LAY90–VFF	方形蜂鸣器 Square indicator buzzer	75dB在10cm处额定电压下 2300Hz ± 400Hz 75db at the distance of 10cm and rated voltage supplied A间断interrupted B长鸣constant	AC/DC 6V 12V 24V 36V 48V	● Black	LAY90–FF	
 LAY90–CFJ	矩形蜂鸣器 Rectangle indicator buzzer	75dB在10cm处额定电压下 2300Hz ± 400Hz 75db at the distance of 10cm and rated voltage supplied A间断interrupted B长鸣constant	AC/DC 6V 12V 24V 36V 48V	● Black	LAY90–JF	
 LAY90–C	圆形指示灯 Round pilot light	AC/DC 6V 12V 24V 48V 110V DC 220V AC 220V	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW		LAY90–C/□□	
 LAY90–CF	方形指示灯 Square pilot light	AC/DC 6V 12V 24V 48V 110V DC 220V AC 220V	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW		LAY90–CF/□□	
 LAY90–CJ	矩形指示灯 Rectangle pilot light	AC/DC 6V 12V 24V 48V 110V DC 220V AC 220V	● Red ● Green/PG ● Yellow ● Pure Blue ○ White/PW		LAY90–CJ/□□	

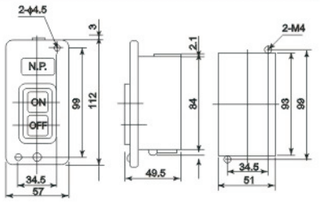
LAY90-V16 系列按钮
LAY90–V16 Push button series

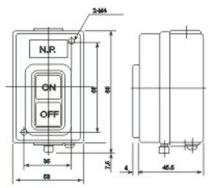
按钮 Push button	说明 Description	工作状态 Seitching action	灯电压 Lamp voltage	颜色 Color	型号 Type	外形尺寸 Dimesions
 LAY90–F11	圆钮 Round Pushbutton	瞬动 Momentary		Red Green/PG Yellow Pure Blue White/PW	LAY90–F11/□□ LAY90–F22/□□	
		自锁 Maintained			LAY90–F11T/□□ LAY90–F22T/□□	
 LAY90–F11F	方钮 Square push button	瞬动 Momentary		Red Green/PG Yellow Pure Blue White/PW	LAY90–F11F/□□ LAY90–F22F/□□	
		自锁 Maintained			LAY90–F11TF/□□ LAY90–F22TF/□□	
 LAY90–F11J	矩钮 Rectangle push button	瞬动 Momentary		Red Green/PG Yellow Pure Blue White/PW	LAY90–F11J/□□ LAY90–F22J/□□	
		自锁 Maintained			LAY90–F11TJ/□□ LAY90–F22TJ/□□	
 LAY90–F11D	带灯圆钮 Illuminated Round push button	瞬动 Momentary	AC/DC 6V 12V 24V 48V 127V 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–F11D/□□ LAY90–F22D/□□	
		自锁 Maintained			LAY90–F11TD/□□ LAY90–F22TD/□□	
 LAY90–F11DF	带灯方钮 Illuminated Square push button	瞬动 Momentary	AC/DC 6V 12V 24V 48V 127V 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–F11DF/□□ LAY90–F22DF/□□	
		自锁 Maintained			LAY90–F11TDF/□□ LAY90–F22TDF/□□	
 LAY90–F11DJ	带灯矩钮 Illuminated Rectangle push button	瞬动 Momentary	AC/DC 6V 12V 24V 48V 127V 220V	Red Green/PG Yellow Pure Blue White/PW	LAY90–F11DJ/□□ LAY90–F22DJ/□□	
		自锁 Maintained			LAY90–F11TDJ/□□ LAY90–F22TDJ/□□	

动力押扣开闭器系列
Power push button switch series

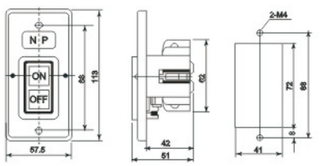


BS211B(TBSN)–310

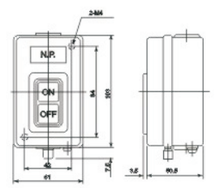

TBSY–315,330



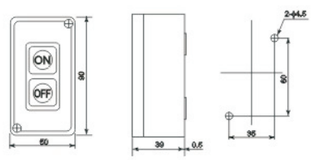


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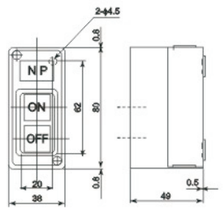

TBSS–315,330



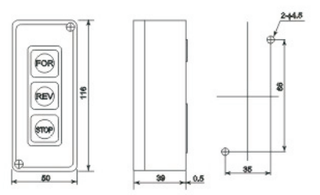


BS230(TBSN)–330

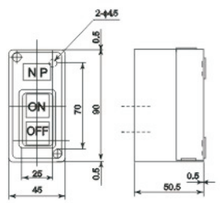

TPB–2





TBSP–315


TPB–3



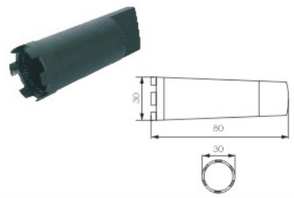
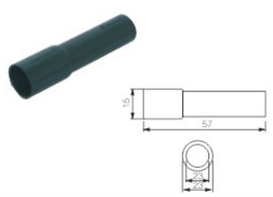
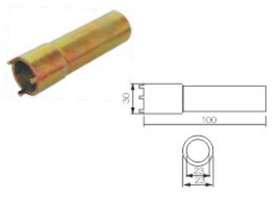
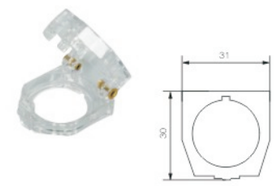
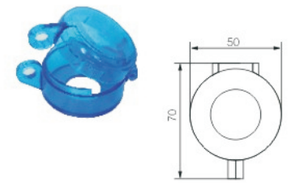
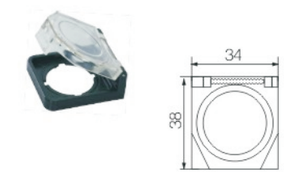
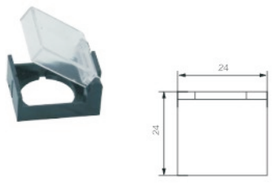
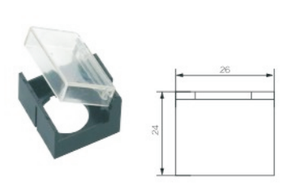
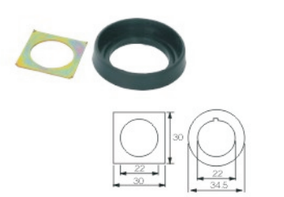
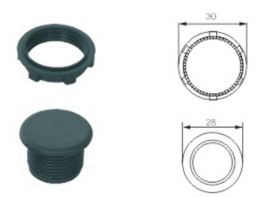
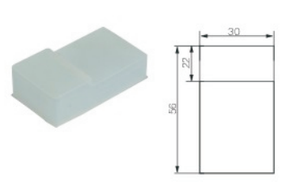
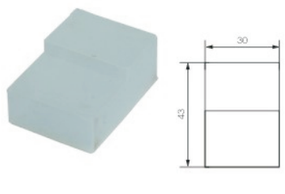
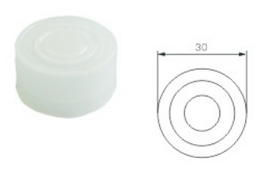
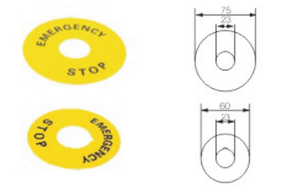
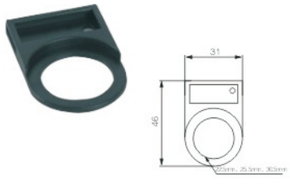


TBSP–330


BS315

特性

型式	规格	安装型式	接线端子	外壳材质
BS211B(TBSN)–310	3Φ10A 1.5KW	露出型	M3.5	铁烤漆
BS216B(TBSN)–315	3Φ15A 2.2KW	〃	M4	〃
BS230(TBSN)–330	3Φ30A 3.7KW	〃	M5	〃
TBSP–315	3Φ15A 2.2KW	露出型	M3.5	强化塑胶
TBSP–330	3Φ30A 3.7KW	〃	M4	〃
TBSY–315 330	3Φ15A 2.2KW 3Φ30A 3.7KW	埋入型	M4	铁烤漆
TBSS–315 330	3Φ15A 2.2KW 3Φ30A 3.7KW	〃	M4	〃

指示灯按钮附件
Indicator button enclosure

型号	YH-22E御装器	YH-10/12 BA9s灯珠御装器	YH-22B御装器
图样			
型号	YH-22FA防护盖 YH-22FA防护盖	YH-22FB防护盖 YH-22FB防护盖	YH-22FC防护盖 YH-22FC防护盖
图样			
型号	YH-16Z防护盖	YH-16C防护盖	YH-P30加φ30附件
图样			
型号	YH-F22 面板封塞	YH-M01防污罩	YH-M02防污罩
图样			
型号	YH-M03防污罩	YH-Q65警示圈 YH-Q75警示圈	YH-B01标牌框
图样			

备忘录/Note: