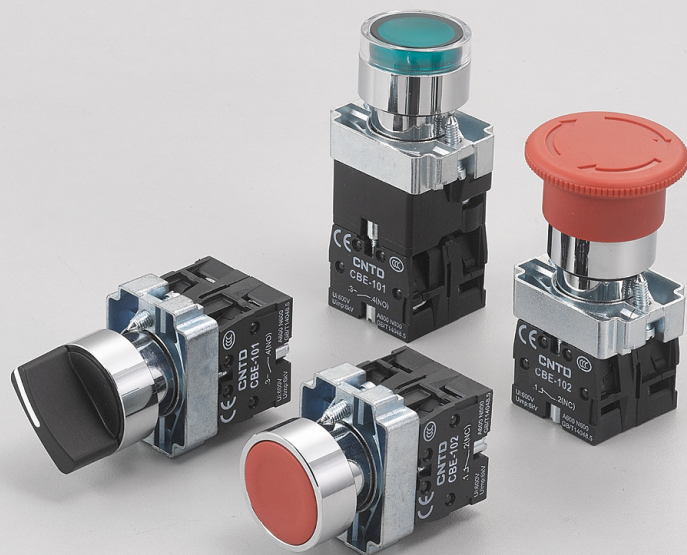




概述 Overview

- 该系列的产品，按钮头部与中座连接采用了多点卡位，直插式固定安装方式，抗冲击、抗跌落、抗振动，适合在各种恶劣环境中使用。
- This series of products, the button head and the middle seat are connected by multi-point clamping, in-line fixed installation, impact resistance, drop resistance, vibration resistance, suitable for use in various harsh environments.

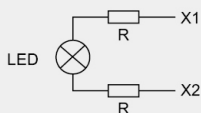


特点 Features

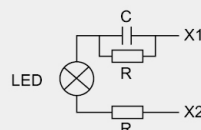
- 由按钮头部、中座、触点座部分组成，采用先进的无紧固件自锁联接，安全可靠，拆装高效快捷，无需增加任何附件即可直接安装在Ø22mm的安装面板上，使用安装扳手使安装更加坚固可靠。
- 采用优质工程阻燃材料，绝缘性能好，接触可靠；
- 产品符合EN 60947-5-1、GB/T 14048.5等标准。
- 触点元件是平压式的慢动结构,能达到多种特定控制电路的要求。
- 安装孔径：Ø22mm
- 功能：自复按钮、自锁按钮、带灯按钮、旋钮、钥匙钮、急停钮、蘑菇头按钮、不锈钢按钮、双位按钮等。
- This series of products, the button head and the middle seat are connected by multi-point clamping, in-line fixed installation, impact resistance, drop resistance, vibration resistance, suitable for use in various harsh environments.
- It is composed of button head, middle seat and contact seat. It adopts advanced selflocking connection without fasteners, which is safe and reliable. It is efficient and quick to disassemble and assemble. It can be directly installed on the middle 22mm installation panel without adding any accessories. The installation wrench is more sturdy and reliable.
- High-quality engineering flame-retardant materials are used, with good insulation performance and reliable contact.
- Products comply with EN 60947-5-1, GB/T 14048.5 and other standards.
- The contact element is a flat-pressed slow-action structure; it can meet the requirements of a variety of specific control circuits.
- Mounting Aperture: Ø22mm
- Function: self-reset button, self-locking button, illuminated button, knob, key button, emergency stop button, mushroom head button, double-position button, etc.

灯座电路原理图 Lamp Holder Circuit Schematic

AC/DC型灯座
AC/DC lamp holder



AC型灯座
AC lamp holder



灯珠规格 LED Specifications

灯珠种类 LED type	双向LED灯珠 Bidirectional LED		
额定电压 Rated voltage	AC/DC 6V	AC/DC 12V	AC/DC 24V
	AC/DC 36V	AC/DC 48V	AC/DC 110V
	AC/DC 220V	AC/DC 380V	
	AC110V	AC220V	AC380V
发光颜色 Emitting color	● RD ● GN ● YE ● S ○ WH		
寿命 Life	≥40000h		

特性 Characteristics

工作环境温度 Ambient temperature	-25°C~+55°C (无冰冻) -25°C~+55°C(With no icing)
工作环境湿度 Humidity	45~85%RH
接触电阻 Contact resistance	≤50mΩ
绝缘电阻 Insulation resistance	≥100MΩ
最小使用负载 Minimum working load	DC24V 10mA 以上 Min DC24V 10mA
工频耐压 Power frequency withstand voltage	1890VAC/50Hz/60s
耐振性 Vibration resistance	10-55Hz, 0.75mm amplitude
耐冲击性 Impact resistance	误动作: 急停开关150m/s ² , 按钮开关100m/s ² Misoperation: emergency stop switch 150m / s ² , button switch 100m / s ²
防护等级 (工作面) Degree of protection (Face)	IP40(可定制IP65) IP40(Customizable IP65)
电气寿命 Electrical life	≥20万次(纯阻性3A/220V负载下) ≥ 200,000 times (under pure resistive 3A / 220V load)
接线能力 Wiring capacity	最大: 2×1.5mm ² 或1×2.5mm ² , 最小: 2×0.75mm ² , 最大插片: 6.3×0.8mm Maximum: 2×1.5mm ² or 1×2.5mm ² , Minimum: 2×0.75mm ² , Maximum insert: 6.3×0.8mm

额定值 Ratings

额定绝缘电压 Ui Rated insulation voltage Ui			600V			
额定发热电流 Ith Rated thermal current Ith			10A			
额定工作电压 Ue Rated operational voltage Ue			24V	120V	240V	380V
额定工作电流 Ie Rated operational current Ie	交流 AC 50/60Hz	阻性负载(AC-12) Resistive load	10A	10A	6A	2A
		感性负载(AC-15) Inductive load	10A	6A	3A	1.9A
	直流 DC	阻性负载(DC-12) Resistive load	8A	2.2A	1.1A	-
		感性负载(DC-13) Inductive load	4A	1.1A	0.55A	-
触电材质 Contact material			银合金 Silver alloy			

国际认证规格 International Certification Specifications

认证规格 Certification specifications	规格 Specifications	文件No. Document
CCC	GB/T 14048.5	请咨询昌得代表处 Please consult the CNTD Representative Office
TUV	EN 60947-5-1	
CE		

安全规格认证额定值 Safety Specification Certification Rating

CCC(GB/T 14048.5)、TUV(EN 60947-5-1)

类型与额定值 Type and Rating
A600
N600

触点类型说明 Contact Form Description

Contact codes 1-5 identify circuit combinations; terminal numbers identify contact pairs.

第一位数字“1”表示第一节开关元件上的第一对触点，“2”表示第一节开关元件上的第二对触点。

第二位数字“1、2”表示常闭触点的两个接线端，“3、4”表示常开触点的两个接线端。

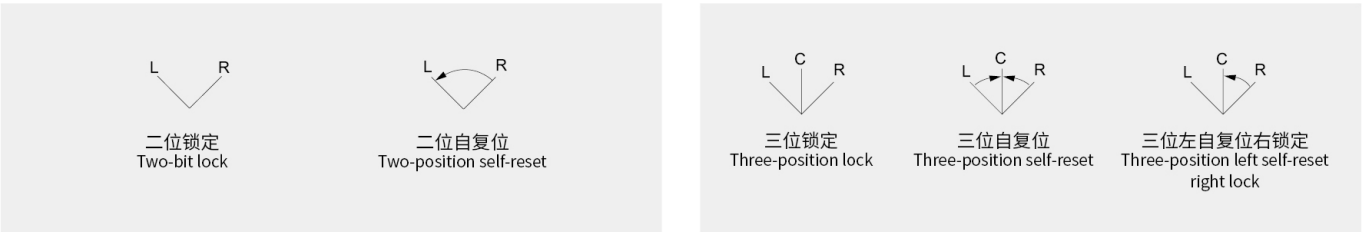
The first digit “1” indicates the first pair of contacts on the first section of the element, “2” means the second pair.

The second digit “1、2” represents the 2 terminals of NC contact, and “3、4” represents the 2 terminals of NO contact.

触点代码 Contact code	1	2	3	4	5
触点名称 Contact name	一开 (1NO)	一闭 (1NC)	二开 (2NO)	二闭 (2NC)	一开一闭 (1NO1NC)
状态图 State diagram					

旋钮、钥匙钮工作位置 and 对应触头状态 Working Position And Contact State

- 二位置及对应触头分合状态图
Two-position and contact ON AND OFF state diagram
- 三位及对应触头分合状态图
Three-position and contact ON AND OFF state diagram



序号 Serial Number	型号 Type		
1	CXB2-B ■ -1		
2	CXB2-B ■ -2		
3	CXB2-B ■ -3		
4	CXB2-B ■ -4		
5	CXB2-B ■ -5		

序号 Serial Number	型号 Type			
1	CXB2-B ■ -3			
2	CXB2-B ■ -4			
3	CXB2-B ■ -5			

选型说明 Model Designation

CXB2 □ — B ■ □ ▲ ○ △

CXB2-	□	B	■	□	▲	○	△
产品系列 Product series	防护等级 Protection level	按钮材质 Button material	操作类型 Operation type	颜色 Color	符号代号 Symbol code	电压代号 Voltage code	触点代号 Contact code
CXB2	无Nil: IP65 E: IP40	B: 金属 Metal	A: Momentary flat AZ: Maintained flat L: Momentary raised LZ: Maintained raised W3: Illuminated momentary flat WZ3: Illuminated maintained flat C: 40mm momentary mushroom CZ: 40mm maintained mushroom R: 60mm momentary mushroom RZ: 60mm maintained mushroom T: 40mm push-pull mushroom S5: 40mm emergency-stop S6: 60mm emergency-stop D2: Short, 2-position maintained D3: Short, 3-position maintained D4: Short, 2-position spring return D5: Short, 3-position spring return D7: Short, left maintained / right spring return D8: Short, left spring return / right maintained K2: Illuminated, 2-position maintained K3: Illuminated, 3-position maintained K4: Illuminated, 2-position spring return K5: Illuminated, 3-position spring return K7: Illuminated, left maintained / right spring return K8: Illuminated, left spring return / right maintained J2: Long, 2-position maintained J3: Long, 3-position maintained J4: Long, 2-position spring return J5: Long, 3-position spring return J7: Long, left maintained / right spring return J8: Long, left spring return / right maintained	1:白 (W) 2:黑 (B) 3:绿 (G) 4:红 (R) 5:黄 (Y) 6:蓝 (S) 部分型号可选 颜色详见产品 选型/带灯产品 无黑色 For the optional colors of some types, please refer to product selection (illuminated product without black)	232: 黑面白圆圈 232: Black face and white circle 334: 白面黑箭头 334: White face black arrow 335: 黑面白箭头 335: Black face and white arrow 336: 绿面双白杠 336: Green-faced double white bars 432: 红面白圆圈 432: Red face and white circle 537: 黑白双白箭头 537: Black and white double white arrows 538: 白面双黑箭头 538: White side with two black arrows S37: 兰面白箭头 S37: Blue face with double white arrows	T: AC/DC6V J: AC/DC12V B: AC/DC24V C: AC/DC36V E: AC/DC48V FD: AC/DC110V MD: AC/DC220V QD: AC/DC380V F: AC110V M: AC220V Q: AC380V	1:1NO 2:1NC 3:1NO+1NO 4:1NC+1NC 5:1NO+1NC

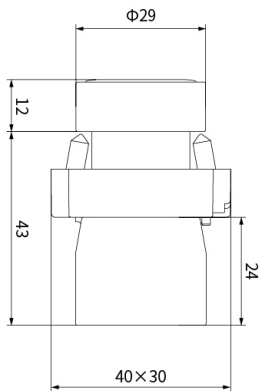
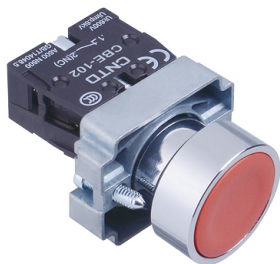


CXB2-	□	B	■	□	▲	○	△
产品系列 Product series	防护等级 Protection level	按钮材质 Button material	操作类型 Operation type	颜色 Color	符号代号 Symbol code	电压代号 Voltage code	触点代号 Contact code
CXB2	无Nil: IP65 E: IP40	B: 金属 Metal	L832: 两平双位按钮 L832: Two flat two-position buttons L842: 高低双位按钮 L842: high and low double button W83: 两平带灯双位按钮 W83: Two flat buttons with lights	1:白 (W) 2:黑 (B) 3:绿 (G) 4:红 (R) 5:黄 (Y) 6:蓝 (S)	232: 黑面白圆圈 232: Black face and white circle 334: 白面黑箭头 334: White face black arrow 335: 黑面白箭头 335: Black face and white arrow 336: 绿面双白杠 336: Green-faced double white bars 432: 红面白圆圈 432: Red face and white circle 537: 黑白双白箭头 537: Black and white double white arrows 538: 白面双黑箭头 538: White side with two black arrows S37: 兰面双白箭头 S37: Blue face with double white arrows	T: AC/DC6V J: AC/DC12V B: AC/DC24V C: AC/DC36V E: AC/DC48V FD: AC/DC110V MD: AC/DC220V QD: AC/DC380V F: AC110V M: AC220V Q: AC380V	1:1NO 2:1NC 3:1NO+1NO 4:1NC+1NC 5:1NO+1NC
			钥匙钮位置 Key button position	部分型号可选 颜色详见产品 选型/带灯产品 无黑色 For the optional colors of some types, please refer to product selection (illuminated product without black)			
			G0: 3 positions, maintained; key removable at all positions. G1: 3 positions, spring return; key removable at right. G2: 2 positions, maintained; key removable at left. G3: 3 positions, maintained; key removable at center. G4: 2 positions, maintained; key removable at both positions. G5: 3 positions, maintained; key removable at left and right. G6: 2 positions, spring return; key removable at left. G7: 3 positions, spring return; key removable at center. G8: Left maintained / right spring return; key removable at center. G9: 3 positions, maintained; key removable at left. G09: 3 positions, maintained; key removable at right.				

上述表格为型号解释说明，部分型号组合无实际产品，具体见产品选型或咨询厂商。
The above table is the type explanation. Some combinations have no actual products. For details, please refer to product selection or consulting manufacturers.

外观和尺寸 Appearance and Dimension

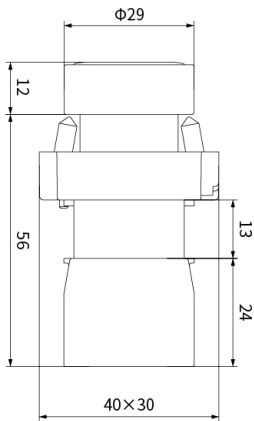
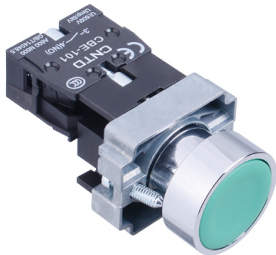
自复平钮 CXB2-BA
Self-reset flat-pushbutton switch



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BA11	1:1NO	1: 白色
CXB2-BA21	1:1NO	2: 黑色
CXB2-BA31	1:1NO	3: 绿色
CXB2-BA42	2:1NC	4: 红色
CXB2-BA51	1:1NO	5: 黄色
CXB2-BA61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

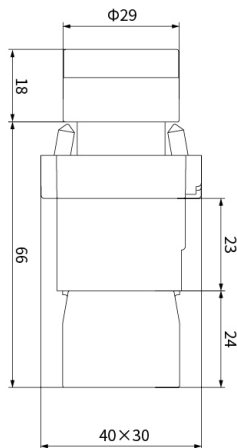
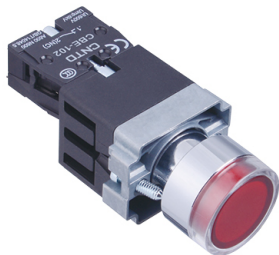
自锁平钮 CXB2-BAZ
Self-locking flat pushbutton switch



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BAZ11	1:1NO	1: 白色
CXB2-BAZ21	1:1NO	2: 黑色
CXB2-BAZ31	1:1NO	3: 绿色
CXB2-BAZ42	2:1NC	4: 红色
CXB2-BAZ51	1:1NO	5: 黄色
CXB2-BAZ61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

带灯自复平钮 CXB2-BW3
Illuminated self-rest flat
pushbutton switch



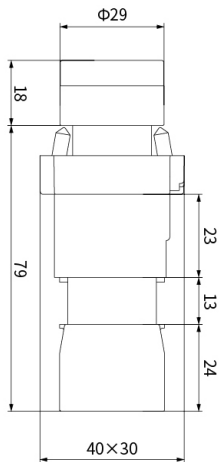
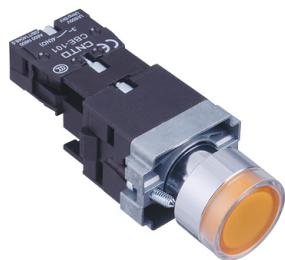
产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BW31○1	1:1NO	1: 白色
CXB2-BW33○1	1:1NO	3: 绿色
CXB2-BW34○2	2:1NC	4: 红色
CXB2-BW35○1	1:1NO	5: 黄色
CXB2-BW36○1	1:1NO	6: 蓝色

Replace the lamp-voltage placeholder with the selected code.
See CXB2 ordering guide.

颜色Color: (W) (G) (R) (Y) (S)

外观和尺寸 Appearance and Dimension

带灯自锁平钮 CXB2-BWZ3
Illuminated self-locking
flat pushbutton switch

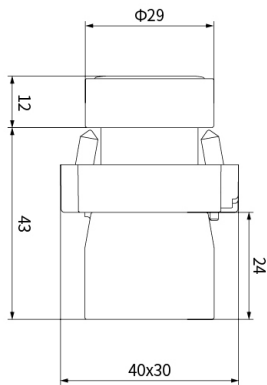


颜色Color: (W) (G) (R) (Y) (S)

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BWZ31○1	1:1NO	1: 白色
CXB2-BWZ33○1	1:1NO	3: 绿色
CXB2-BWZ34○2	2:1NC	4: 红色
CXB2-BWZ35○1	1:1NO	5: 黄色
CXB2-BWZ36○1	1:1NO	6: 蓝色

*○代表电压代号，参照CXB2选型说明。
*○ represents voltage code, refer to CXB2 selection instructions.

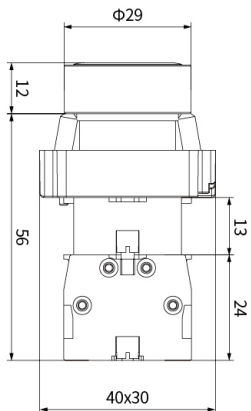
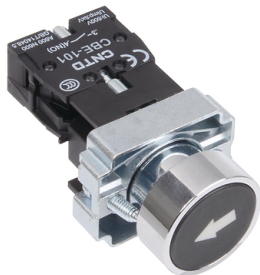
定制符号自复平钮 CXB2-BA ▲
Self-reset flat-pushbutton switch
with custom code



颜色Color: (W) (B) (G) (R) (Y) (S)
标记Mark: ↓ ○ I || 启动 STOP

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	符号代号 Symbolic code
CXB2-BA2321	1:1NO	232:黑面白圆圈
CXB2-BA3341	1:1NO	334:白面黑箭头
CXB2-BA3351	1:1NO	335:黑面白箭头
CXB2-BA3361	1:1NO	336:绿面双白杠
CXB2-BA4322	2:1NC	432:红面白圆圈

定制符号自锁平钮 CXB2-BAZ ▲
Self-locking flat-pushbutton switch
with custom code

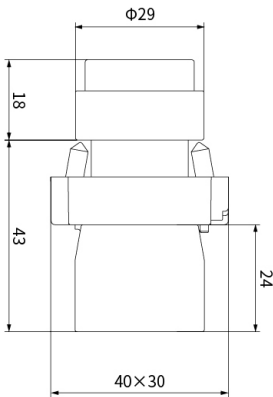
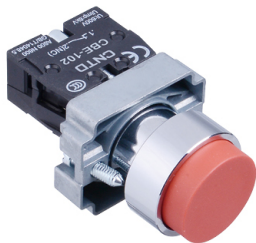


颜色Color: (W) (B) (G) (R) (Y) (S)
标记Mark: ↓ ○ I || 启动 STOP

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	符号代号 Symbolic code
CXB2-BAZ2321	1:1NO	232:黑面白圆圈
CXB2-BAZ3341	1:1NO	334:白面黑箭头
CXB2-BAZ3351	1:1NO	335:黑面白箭头
CXB2-BAZ3361	1:1NO	336:绿面双白杠
CXB2-BAZ4322	2:1NC	432:红面白圆圈

外观和尺寸 Appearance and Dimension

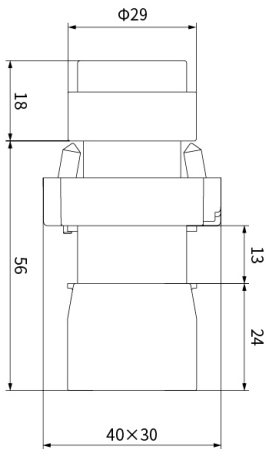
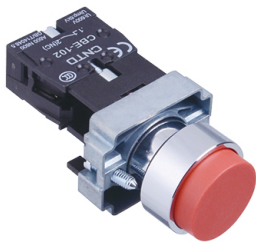
自复高钮 CXB2-BL
Self-reset high
pushbutton switch



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BL11	1:1NO	1: 白色
CXB2-BL21	1:1NO	2: 黑色
CXB2-BL31	1:1NO	3: 绿色
CXB2-BL42	2:1NC	4: 红色
CXB2-BL51	1:1NO	5: 黄色
CXB2-BL61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

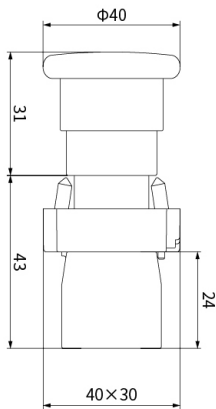
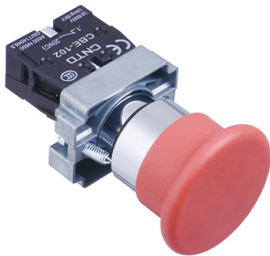
自锁高钮 CXB2-BLZ
Self-locking high
pushbutton switch



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BLZ11	1:1NO	1: 白色
CXB2-BLZ21	1:1NO	2: 黑色
CXB2-BLZ31	1:1NO	3: 绿色
CXB2-BLZ42	2:1NC	4: 红色
CXB2-BLZ51	1:1NO	5: 黄色
CXB2-BLZ61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

40蘑菇头自复按钮 CXB2-BC
40 Mushroom self-reset
pushbutton switch

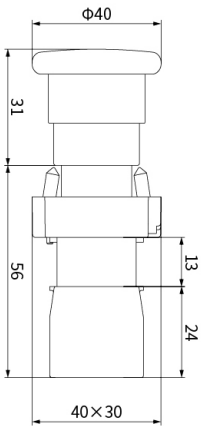
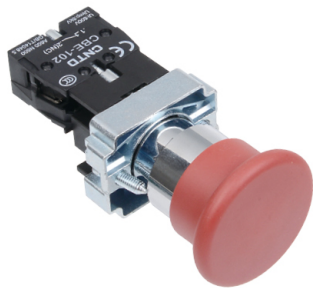


产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BC11	1:1NO	1: 白色
CXB2-BC21	1:1NO	2: 黑色
CXB2-BC31	1:1NO	3: 绿色
CXB2-BC42	2:1NC	4: 红色
CXB2-BC51	1:1NO	5: 黄色
CXB2-BC61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

外观和尺寸 Appearance and Dimension

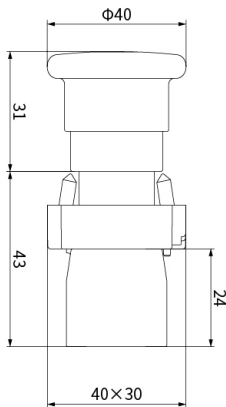
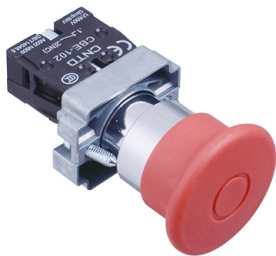
40蘑菇头自锁按钮 CXB2-BCZ
40 Mushroom self-locking
pushbutton switch



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BCZ11	1:1NO	1: 白色
CXB2-BCZ21	1:1NO	2: 黑色
CXB2-BCZ31	1:1NO	3: 绿色
CXB2-BCZ42	2:1NC	4: 红色
CXB2-BCZ51	1:1NO	5: 黄色
CXB2-BCZ61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

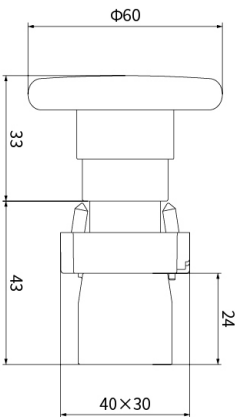
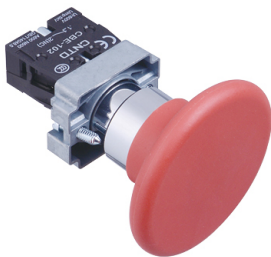
40 蘑菇头按拉式按钮 CXB2-BT
40 mushroom head push-pull button



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BT11	1:1NO	1: 白色
CXB2-BT21	1:1NO	2: 黑色
CXB2-BT31	1:1NO	3: 绿色
CXB2-BT42	2:1NC	4: 红色
CXB2-BT51	1:1NO	5: 黄色
CXB2-BT61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

60蘑菇头自复按钮 CXB2-BR
60 Mushroom self-reset
pushbutton switch

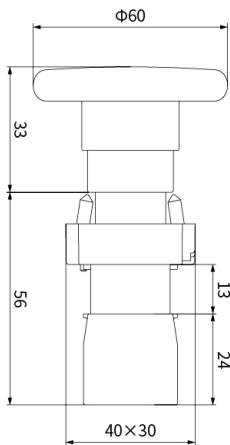
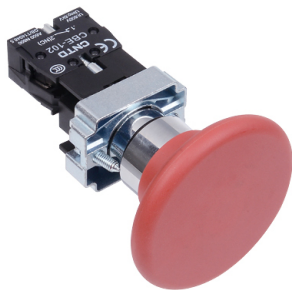


产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BR11	1:1NO	1: 白色
CXB2-BR21	1:1NO	2: 黑色
CXB2-BR31	1:1NO	3: 绿色
CXB2-BR42	2:1NC	4: 红色
CXB2-BR51	1:1NO	5: 黄色
CXB2-BR61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

外观和尺寸 Appearance and Dimension

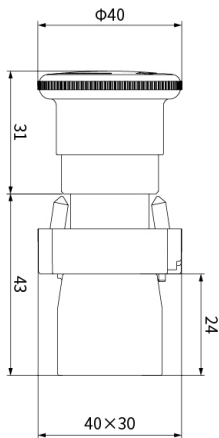
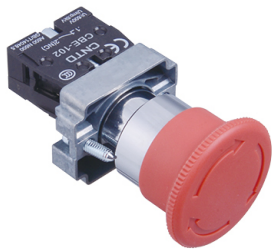
60蘑菇头自锁按钮 CXB2-BRZ
60 Mushroom self-locking
pushbutton switch



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BRZ11	1:1NO	1: 白色
CXB2-BRZ21	1:1NO	2: 黑色
CXB2-BRZ31	1:1NO	3: 绿色
CXB2-BRZ42	2:1NC	4: 红色
CXB2-BRZ51	1:1NO	5: 黄色
CXB2-BRZ61	1:1NO	6: 蓝色

颜色Color: (W) (B) (G) (R) (Y) (S)

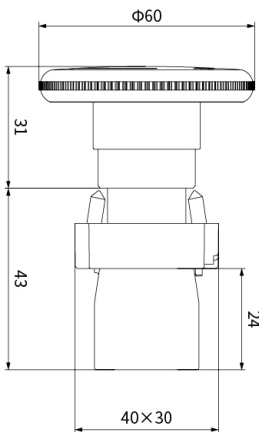
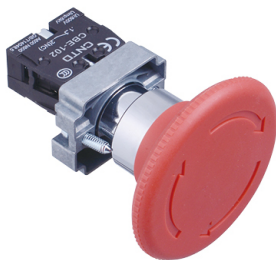
40急停按钮 CXB2-BS5
40 E-Stop pushbutton switch



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BS542	2:1NC	4: 红色
CXB2-BS552	2:1NC	5: 黄色

颜色Color: (R) (Y)

60急停按钮 CXB2-BS6
60 E-Stop pushbutton switch

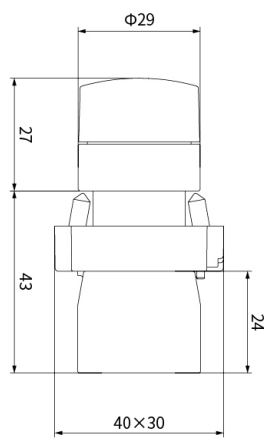
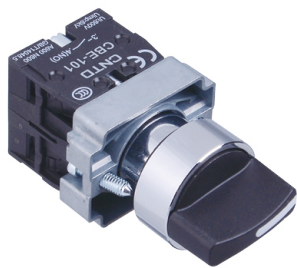


产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BS642	2:1NC	4: 红色
CXB2-BS652	2:1NC	5: 黄色

颜色Color: (R) (Y)

外观和尺寸 Appearance and Dimension

旋钮 CXB2-BD2/3/4/5
knob switch

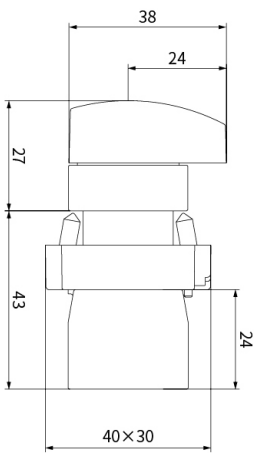
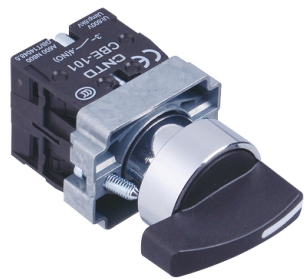


颜色Color: B

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	位置符号 Location symbol
CXB2-BD21 二位锁定旋钮 Two-position lock knob	1:1NO	
CXB2-BD41 二位自复位旋钮 Two-position self-resetting knob	1:1NO	
CXB2-BD33 三位锁定旋钮 Three position lock knob	3:1NO+1NO	
CXB2-BD53 三位自复位旋钮 Three position self-resetting knob	3:1NO+1NO	
CXB2-BD73 三位左锁定右自复位旋钮 Three position left lock right self-resetting knob	3:1NO+1NO	
CXB2-BD83 三位左自复位右锁定旋钮 Three position left self-reset right lock knob	3:1NO+1NO	

箭头说明: 锁定 弹簧返回 钥匙拔出
Arrow description: Lock Spring return Key withdrawl

长旋钮 CXB2-BJ2/3/4/5
Long-knob switch

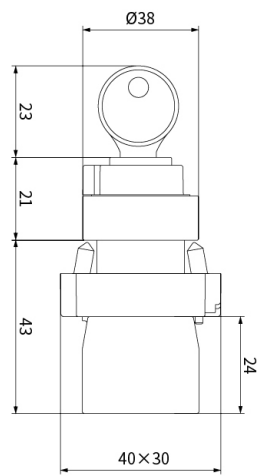


颜色Color: B

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	位置符号 Location symbol
CXB2-BJ21 二位锁定长旋钮 Two-position lock long knob	1:1NO	
CXB2-BJ41 二位自复位长旋钮 Two-position self-resetting long knob	1:1NO	
CXB2-BJ33 三位锁定长旋钮 Three position lock long knob	3:1NO+1NO	
CXB2-BJ53 三位自复位长旋钮 Three position self-resetting long knob	3:1NO+1NO	
CXB2-BJ73 三位左锁定右自复位长旋钮 Three position left lock right self-resetting long knob	3:1NO+1NO	
CXB2-BJ83 三位左自复位右锁定长旋钮 Three position left self-reset right lock long knob	3:1NO+1NO	

箭头说明: 锁定 弹簧返回 钥匙拔出
Arrow description: Lock Spring return Key withdrawl

钥匙钮 CXB2-BG
Key button

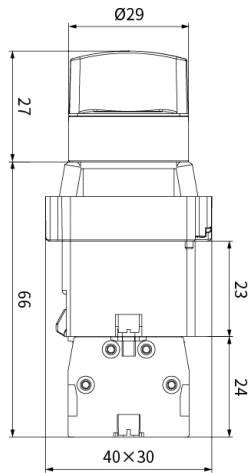


产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	位置符号 Location symbol
CXB2-BG41 二位锁定钥匙释放钥匙钮 Both of you lock the key release key button	1:1NO	
CXB2-BG61 二位自复位左钥匙释放钥匙钮 Two self-reset left key release key button	1:1NO	
CXB2-BG03 三位锁定钥匙释放钥匙钮 Three lock key release key button	3:1NO+1NO	
CXB2-BG13 三位自复位右钥匙释放钥匙钮 Three position self-reset right key release key button	3:1NO+1NO	Spring return Key removable at right

箭头说明: 锁定 弹簧返回 钥匙拔出
Arrow description: Lock Spring return Key withdrawl

外观和尺寸 Appearance and Dimension

带灯旋钮 CXB2-BK2/3/4/5
Knob with light

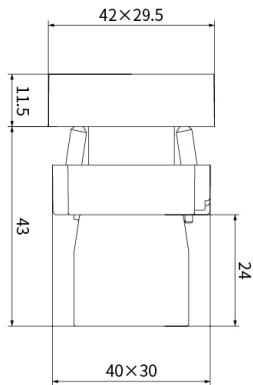
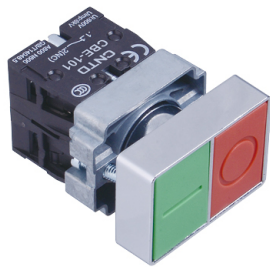


颜色Color: (W) (G) (R) (Y) (S)

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	位置符号 Location symbol
CXB2-BK23○1带灯二位保持旋钮 Two-position hold knob with light	1:1NO	↙
CXB2-BK43○1带灯二位自复旋钮 Two-position automatic reset knob with light	1:1NO	↙↘
CXB2-BK33○3带灯三位保持旋钮 Three-position hold knob with light	3:1NO+1NO	↙↘↗
CXB2-BK53○3带灯三位自复旋钮 Three-position automatic reset knob with light	3:1NO+1NO	↙↘↗↘

*○代表电压代号，参照CXB2选型说明。
*○ represents voltage code, refer to CXB2 selection instructions.
箭头说明: ↙ 锁定 ↘ 弹簧返回 ↗ 钥匙拔出
Arrow description: ↙ Lock ↘ Spring return ↗ Key withdrawl

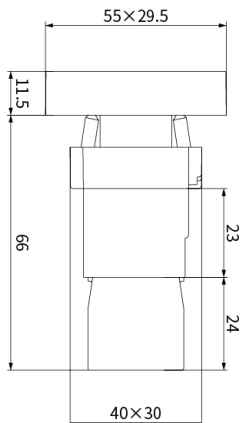
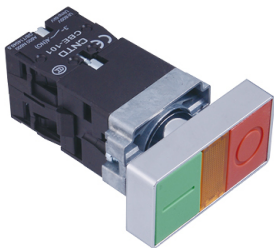
两平双位平钮 CXB2-BL8325
Two flat two position flat buttons



颜色Color: (R) (G)

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BL8325	5:1NO/1NC	红绿色

两平双位带灯平钮 CXB2-BW83○5
Two flat double flat buttons



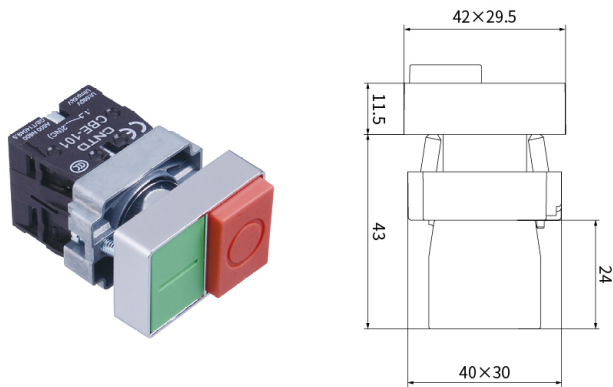
灯颜色 Light color: (W) (G) (R) (Y)
按钮颜色 Button color: (R) (G)

产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BW83○5	5:1NO/1NC	红绿色

*○代表电压代号，参照CXB2选型说明。
*○ represents voltage code, refer to CXB2 selection instructions.

外观和尺寸 Appearance and Dimension

高低双位平钮 CXB2-BL8425
High and low double flat buttons



产品型号 Product reference	产品结构 Product structure	
	触点结构 Contact structure	头部颜色 Head color
CXB2-BL8425	5:1NO/1NC	红绿色

颜色Color: ● ●

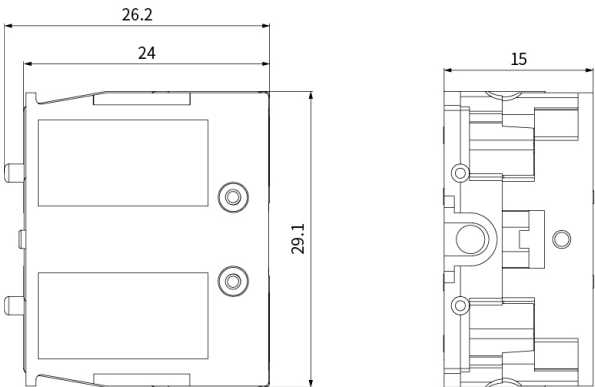
触点类型 Contact type



一常开触点 CBE-101
1NO contact



一常闭触点 CBE-102
1NC contact



微小负载型的使用 Applications Under Minimal Load

开关接点可用于一般负载或微小负载。但是，已经连接过一般负载的接点，就不能用于连接更小容量的负载。否则，可能导致接触面的糙化，而且可能失去接触可靠性。

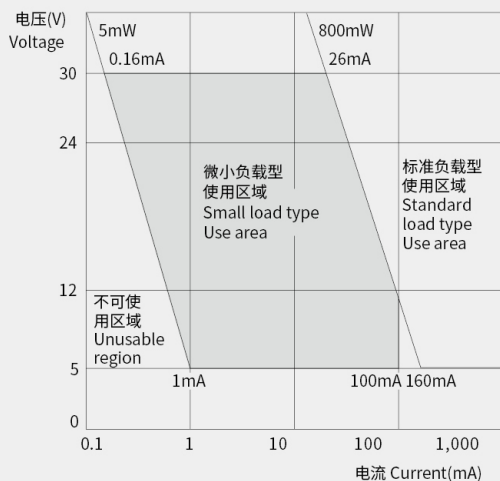
如果在开关微小负载电路时使用一般负载用开关，可能会引起接触不良。下图为开关负载区域范围定义。本目录册内产品适用于 DC24V 10mA 以上范围，当使用负载小于 DC24V 10mA 以下时，可能存在由于电流过小无法击破触点表面氧化膜或硫化膜的现象，从而导致开关接触不良。所以当使用负载小于 DC24V 10mA 以下时，请咨询昌得电气科技有限公司进行产品定制。

请设置 CR 电路等吸收电路，防止震荡和抖动所导致的噪声和脉冲缺失，对于开关时会产生冲击电流的负载，请插入接点保护电路，以免导致耐久性降低。

Switch contacts can be used for general loads or small loads. However, contacts that have already been connected to general loads cannot be used to connect smaller capacity loads. Otherwise, it may lead to roughness of the contact surface and loss of contact reliability.

If a general load switch is used when switching a small load circuit, poor contact may be caused. The following diagram shows the switching load area range definition. The products in this catalog are suitable for DC24V 10mA or above. When the load is less than DC24V 10mA or below, the oxidized film or vulcanized film on the contact surface may be unable to be broken due to too small current, resulting in poor switch contact. Therefore, when the load is less than DC24V 10mA, please consult CNTD Electrical Technology Co., Ltd. for product customization.

Please set the absorption circuit such as CR circuit to prevent noise and pulse loss caused by shock and jitter, for the load that will produce impulse current on the switch, please insert the contact protection circuit to avoid reducing durability.



使用注意事项 Using Precautions

本公司产品是作为工业产品而设计生产，严格遵守工业产品标准。我司明确声明，除非经过特殊设计并得到我司明确书面确认，我司产品不适用于以下应用场合：

- 要求极高可靠性的应用场合，包括核能、燃气、电力等要求长期稳定运行的系统。
- 要求极高安全性的应用场合，涉及人身安全与财产的情况。
- 苛刻条件、严酷环境的应用场合，包括室外、存在化学污染、电磁、振动或冲击影响的环境。
- 有火灾或爆炸风险的应用场合，包括存在易燃易爆性气体、强酸强碱化学品等物质的环境。
- 涉及军工用途、航天航空项目的应用场合。

The company's products are designed and produced as industrial products, in strict compliance with industrial product standards. We expressly declare that, unless specifically designed and expressly confirmed by us in writing, our products are not intended for the following applications:

- Applications that require high reliability, including nuclear, gas, electric and other systems that require long-term stable operation.
- Applications requiring very high security, situations involving personal safety and property.
- Applications in harsh conditions, harsh environments, including outdoor, chemical contamination, electromagnetic, vibration or shock effects.
- Applications where there is a risk of fire or explosion, including environments where flammable and explosive gases, strong acids and alkali chemicals are present.
- Applications involving military use and aerospace projects.