



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。
- In this series, the button head and the middle are connected with in-line fixed installation method . It is resistant to shock、drop and vibration, and is suitable for use in harsh environments.



特点 Features

- 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;
- 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;
- 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。
- 开关触点组合: 01/10/02/20/11。
- Using high-quality engineering flame-retardant materials, excellent insulation performance and reliable contact.
- Products comply with standards such as EN 60947-5-1, GB/T 14048.5.
- Installation aperture: Ø22mm.
- Function: self-reset pushbutton switch, self-locking pushbutton switch, illuminated pushbutton switch, Knob Switch, key switch, E-Stop pushbutton switch, mushroom pushbutton switch, stainless steel pushbutton switch, twin pushbutton switch.
- Switch contact combination: 01/10/02/20/11.

特性 Characteristics

电气容量 Electrical capacitor	最大绝缘电压 600VAC, 最大热电流 10A Max insulation voltage 600VAC, Max thermal current 10A
操作类别 Operation	AC15类: 250VAC/6A; DC13类: 250VDC/0.6A AC15: 250VAC/6A; DC13: 250VDC/0.6A
触点导阻 Contact resistance	Max 50mOhm
绝缘强度 Insulation strength	2500VAC 50Hz, 1 分钟 2500VAC 50Hz, 1 minute
绝缘阻抗 Insulation resistance	500VDC 下, 大于 100MΩ Greater than 100MOhm measured at 500VDC
耐震阻值 Vibration resistance	10g @40-500Hz
用灯寿命 Life	白炽灯 1,000小时, LED灯 100,000小时 Incandescent lamp 1,000h; LED 100,000h
电气寿命 Electrical life	开关片 AC15 250VAC/6A >1, 000, 000 Contact block AC15 250VAC/6A >1, 000, 000 DC13 250VDC/0.6A: >1,000,000 operations
储存温度 Storage temperature	使用时: -20~+70°C (没有结冰) Storage: -20 to +70 degrees C, without icing
操作室温 Operation temperature	使用时: -20~+70°C (没有结冰) Using: -20~+70°C (With no icing)

型号说明 Model Number Structure

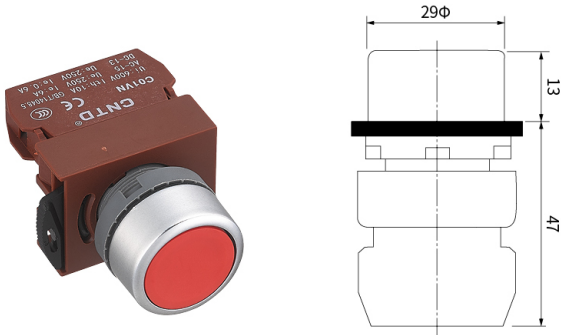


○	■	- □	/ ▲	- ○	- △
固定孔径 Fixed aperture	头部结构 Head structure	操作方式 Mode of operation	接点型式 Contact type	头部颜色 Head color	带灯电压 Lamp voltage
C2: Ø22mm 孔径 Aperture C3=Ø30mm 孔径 Aperture	SNS: 短柄旋钮 Short handle knob SNL: 长柄旋钮 Knob with long handle SNK: 钥匙旋钮 Key knob PNF: 平头按钮 Flat button PNH: 凸头按钮 Convex button PNM3: 30mm 大头按钮 30mm Big head button PNM4: 40mm 大头按钮 40mm Big head button PNM6: 60mm 大头按钮 60mm Big head button PNR3: 30mm 急停按钮 30mm Emergency stop button PNR4: 40mm 急停按钮 40mm Emergency stop button PNR6: 60mm 急停按钮 60mm Emergency stop button PNKM4: 急停钥匙旋钮 Emergency stop key knob PND: 双位按钮 Double button PNP: 拉伸开关 Stretch switch PIF: 平头带灯按钮 Flat head with light button PIH: 凸头带灯按钮 Convex head with light button PIM4: 大头带灯按钮 Head with light button PID: 双位带灯按钮 Two-position button with light SIS: 短柄带灯旋钮 Short handle with light knob SIL: 长柄带灯旋钮 Long handle knob with light LIF: 标准型指示灯 Standard indicator light LUF: 圆形指示灯 Circular indicator light MN: 十字开关 Cross switch	按钮开关如下 空白: 自复位 D: 自锁式 注: 急停按钮无此选项 Push button switch as follows Blank: self-reset D: Self-locking Note: The emergency stop button does not have this option. 旋钮、十字开关如下 F2: 2向自锁 2 way self-locking F3: 3向自锁 3 direction self-locking F4: 4向自锁 4 direction self-locking T2: 2向复位 2-way reset T3: 3向复位 3-way reset T4: 4向复位 4-way reset	1A: 1NO 1B: 1NC 1C: 1NO1NC 1D: 1NO+1NC 1F: 1NO+1NO 1G: 1NC+1NC 2A: 2NO 2B: 2NC 2C: 1NO1NC+1NO1NC 2D: 2NO+2NC 2G: 2NC+2NC	R: 红色 G: 绿色 Y: 黄色 W: 白色 B: 黑色 S: 蓝色	12:12VDC 24:24VDC 36:36VDC 48:48VDC 110:110VAC 220:220VAC 380:380VAC

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

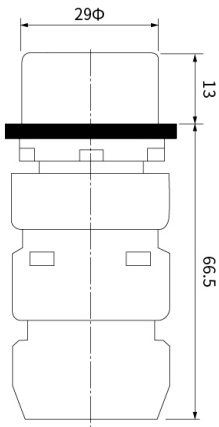
平头自复按钮 C2PNF
Flat head self-restoring
button



产品型号 Product reference	头部颜色 Head color
C2PNF/1B-R	R: 红色
C2PNF/1A-G	G: 绿色
C2PNF/1A-Y	Y: 黄色
C2PNF/1A-W	W: 白色
C2PNF/1A-B	B: 黑色
C2PNF/1A-S	S: 蓝色

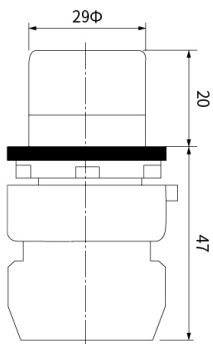
外观和尺寸 Appearance and Dimension

平头自锁按钮 C2PNF-D
Flat head self-locking
button



产品型号 Product reference	头部颜色 Head color
C2PNF-D/1B-R	R: 红色
C2PNF-D/1A-G	G: 绿色
C2PNF-D/1A-Y	Y: 黄色
C2PNF-D/1A-W	W: 白色
C2PNF-D/1A-B	B: 黑色
C2PNF-D/1A-S	S: 蓝色

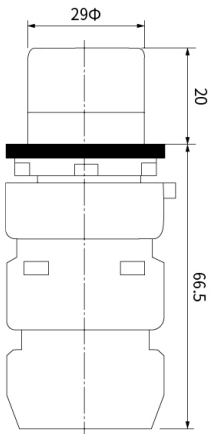
平头带灯自复按钮 C2PIF
Flat head with light self
reset button



产品型号 Product reference	头部颜色 Head color
C2PIF/1B-R-△	R: 红色
C2PIF/1A-G-△	G: 绿色
C2PIF/1A-Y-△	Y: 黄色
C2PIF/1A-W-△	W: 白色
C2PIF/1A-S-△	S: 蓝色

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

平头带灯自锁按钮 C2PIF-D
Flat head with light self-
locking button

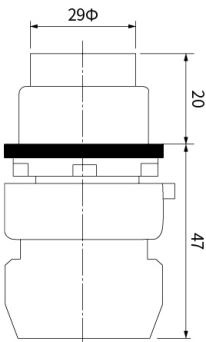


产品型号 Product reference	头部颜色 Head color
C2PIF-D/1B-R-△	R: 红色
C2PIF-D/1A-G-△	G: 绿色
C2PIF-D/1A-Y-△	Y: 黄色
C2PIF-D/1A-W-△	W: 白色
C2PIF-D/1A-S-△	S: 蓝色

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

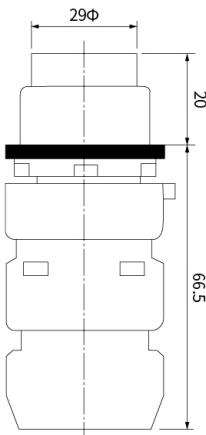
外观和尺寸 Appearance and Dimension

凸头自复按钮 C2PNH
Convex head self-renewing button



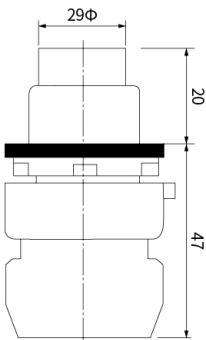
产品型号 Product reference	头部颜色 Head color
C2PNH/1B-R	R: 红色
C2PNH/1A-G	G: 绿色
C2PNH/1A-Y	Y: 黄色
C2PNH/1A-W	W: 白色
C2PNH/1A-B	B: 黑色
C2PNH/1A-S	S: 蓝色

凸头自锁按钮 C2PNH-D
Convex head self-locking button



产品型号 Product reference	头部颜色 Head color
C2PNH-D/1B-R	R: 红色
C2PNH-D/1A-G	G: 绿色
C2PNH-D/1A-Y	Y: 黄色
C2PNH-D/1A-W	W: 白色
C2PNH-D/1A-B	B: 黑色
C2PNH-D/1A-S	S: 蓝色

凸头带灯自复按钮 C2PIH
Convex head with light self reset button

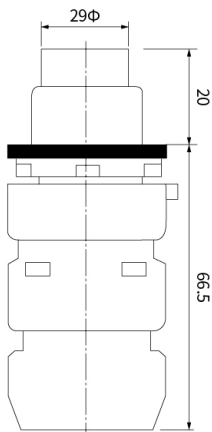


产品型号 Product reference	头部颜色 Head color
C2PIH/1B-R-△	R: 红色
C2PIH/1A-G-△	G: 绿色
C2PIH/1A-Y-△	Y: 黄色
C2PIH/1A-W-△	W: 白色
C2PIH/1A-S-△	S: 蓝色

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

外观和尺寸 Appearance and Dimension

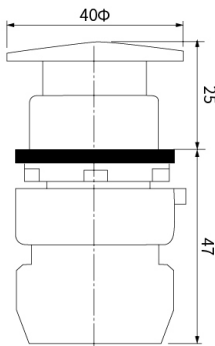
凸头带灯自锁按钮 C2PIH-D
Convex head with light self-locking button



产品型号 Product reference	头部颜色 Head color
C2PIH-D/1B-R-△	R: 红色
C2PIH-D/1A-G-△	G: 绿色
C2PIH-D/1A-Y-△	Y: 黄色
C2PIH-D/1A-W-△	W: 白色
C2PIH-D/1A-S-△	S: 蓝色

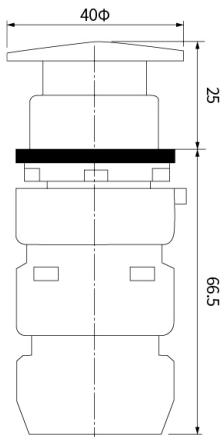
*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

40蘑菇头自复按钮 C2PNM4
40 Mushroom self-reset pushbutton switch



产品型号 Product reference	头部颜色 Head color
C2PNM4/1B-R	R: 红色
C2PNM4/1A-G	G: 绿色
C2PNM4/1A-Y	Y: 黄色
C2PNM4/1A-W	W: 白色
C2PNM4/1A-B	B: 黑色
C2PNM4/1A-S	S: 蓝色

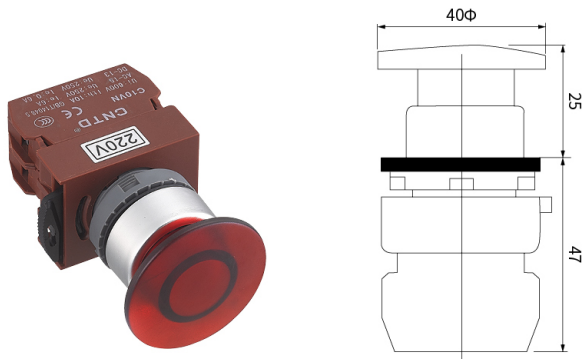
40蘑菇头自锁按钮 C2PNM4-D
40 Mushroom self-locking pushbutton switch



产品型号 Product reference	头部颜色 Head color
C2PNM4-D/1B-R	R: 红色
C2PNM4-D/1A-G	G: 绿色
C2PNM4-D/1A-Y	Y: 黄色
C2PNM4-D/1A-W	W: 白色
C2PNM4-D/1A-B	B: 黑色
C2PNM4-D/1A-S	S: 蓝色

外观和尺寸 Appearance and Dimension

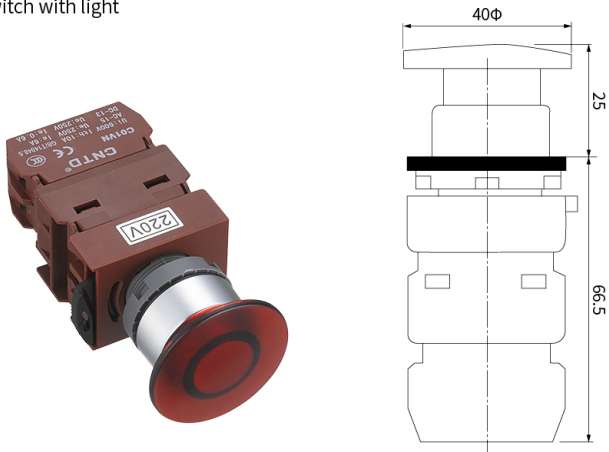
40蘑菇头带灯自复按钮 C2PIM4
40 Mushroom self-reset pushbutton
switch with light



产品型号 Product reference	头部颜色 Head color
C2PIM4/1B-R-△	R: 红色
C2PIM4/1A-G-△	G: 绿色
C2PIM4/1A-Y-△	Y: 黄色
C2PIM4/1A-W-△	W: 白色
C2PIM4/1A-S-△	S: 蓝色

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

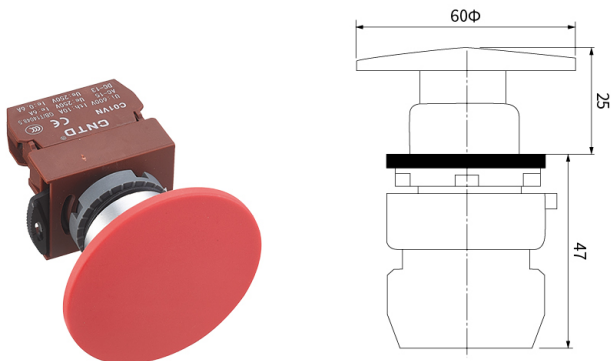
40蘑菇头带灯自锁按钮 C2PIM4-D
40 Mushroom self-locking pushbutton
switch with light



产品型号 Product reference	头部颜色 Head color
C2PIM4-D/1B-R-△	R: 红色
C2PIM4-D/1A-G-△	G: 绿色
C2PIM4-D/1A-Y-△	Y: 黄色
C2PIM4-D/1A-W-△	W: 白色
C2PIM4-D/1A-S-△	S: 蓝色

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

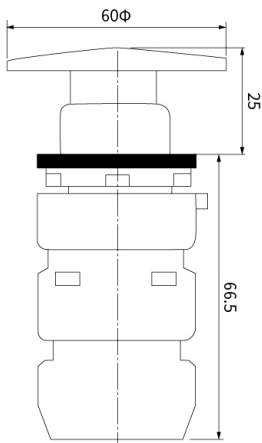
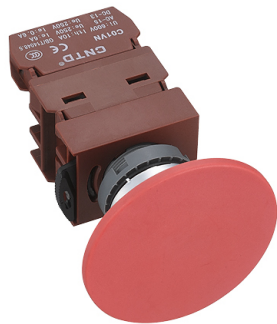
60蘑菇头自复按钮 C2PNM6
60 Mushroom self-reset
pushbutton switch



产品型号 Product reference	头部颜色 Head color
C2PNM6/1B-R	R: 红色
C2PNM6/1A-G	G: 绿色
C2PNM6/1A-Y	Y: 黄色
C2PNM6/1A-W	W: 白色
C2PNM6/1A-B	B: 黑色
C2PNM6/1A-S	S: 蓝色

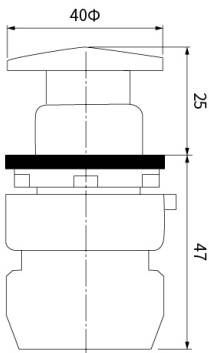
外观和尺寸 Appearance and Dimension

60蘑菇头自锁按钮 C2PNM6-D
60 Mushroom self-locking
pushbutton switch



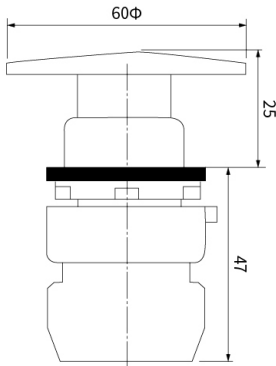
产品型号 Product reference	头部颜色 Head color
C2PNM6-D/1B-R	R: 红色
C2PNM6-D/1A-G	G: 绿色
C2PNM6-D/1A-Y	Y: 黄色
C2PNM6-D/1A-W	W: 白色
C2PNM6-D/1A-B	B: 黑色
C2PNM6-D/1A-S	S: 蓝色

40急停按钮 C2PNR4
40 E-Stop pushbutton
switch



产品型号 Product reference	头部颜色 Head color
C2PNR4/1B-R	R: 红色
C2PNR4/1A-G	G: 绿色
C2PNR4/1A-Y	Y: 黄色
C2PNR4/1A-B	B: 黑色

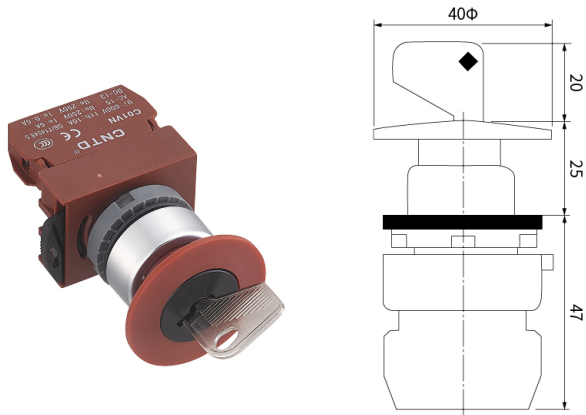
60急停按钮 C2PNR6
60 E-Stop pushbutton switch



产品型号 Product reference	头部颜色 Head color
C2PNR6/1B-R	R: 红色
C2PNR6/1A-G	G: 绿色
C2PNR6/1A-Y	Y: 黄色
C2PNR6/1A-B	B: 黑色

外观和尺寸 Appearance and Dimension

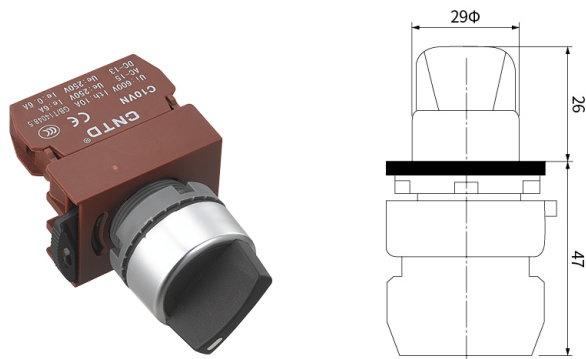
急停钥匙旋钮 C2PNKM4
Emergency stop key knob



产品型号 Product reference	位置符号 Location symbol
C2PNKM4-F2/1A	
C2PNKM4-T2/1A	
C2PNKM4-F3/1F	
C2PNKM4-T3/1F	

F = maintained; T = spring return. 2/3 = positions.

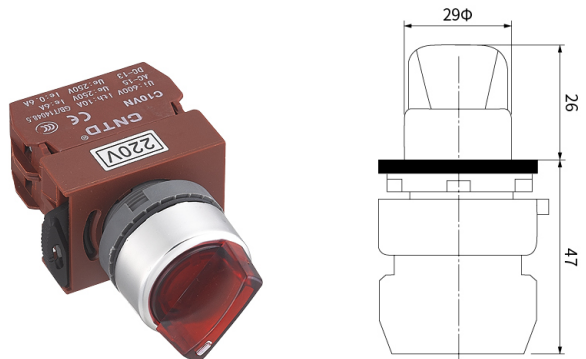
短柄旋钮 C2SNS
Short handle knob



产品型号 Product reference	位置符号 Location symbol
C2SNS-F2/1A	
C2SNS-T2/1A	
C2SNS-F3/1F	
C2SNS-T3/1F	

颜色Color:

短柄带灯旋钮 C2SIS
Short shank with lamp knob



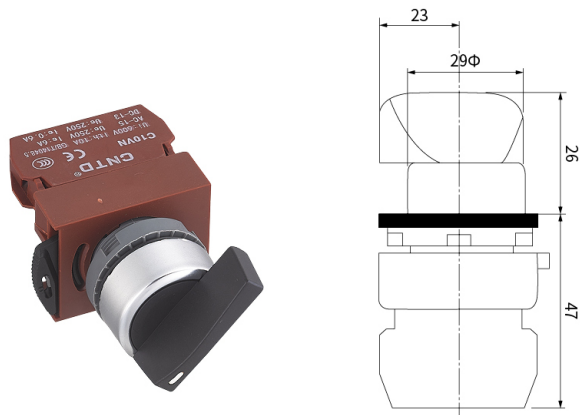
产品型号 Product reference	位置符号 Location symbol
C2SIS-F2/1A-△	
C2SIS-T2/1A-△	
C2SIS-F3/1F-△	
C2SIS-T3/1F-△	

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

颜色Color:

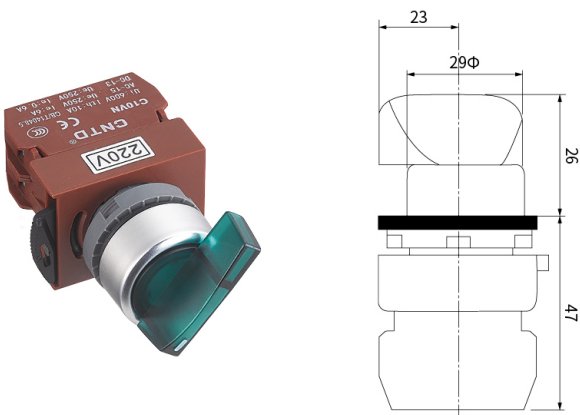
外观和尺寸 Appearance and Dimension

长柄旋钮 C2SNL
Knob with long handle



产品型号 Product reference	位置符号 Location symbol
C2SNL-F2/1A	∨
C2SNL-T2/1A	∠
C2SNL-F3/1F	∨
C2SNL-T3/1F	∠

长柄带灯旋钮 C2SIL
Long handle knob with light

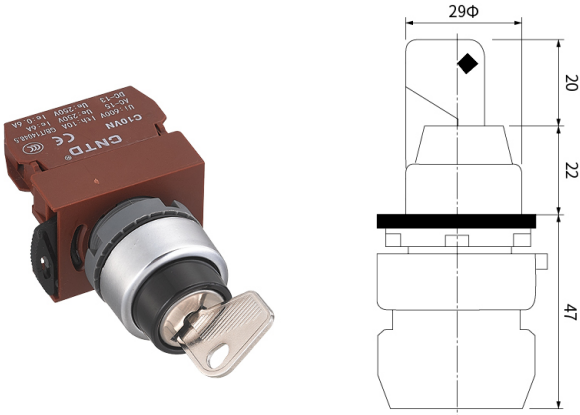


产品型号 Product reference	位置符号 Location symbol
C2SIL-F2/1A-△	∨
C2SIL-T2/1A-△	∠
C2SIL-F3/1F-△	∨
C2SIL-T3/1F-△	∠

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

颜色Color: G R Y S

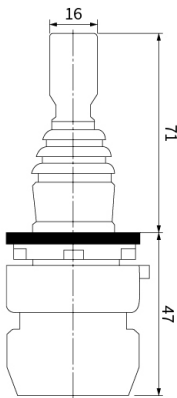
钥匙旋钮 C2SNK
Key knob



产品型号 Product reference	位置符号 Location symbol
C2SNK-F2/1A	∨
C2SNK-T2/1A	∠
C2SNK-F3/1F	∨
C2SNK-T3/1F	∠

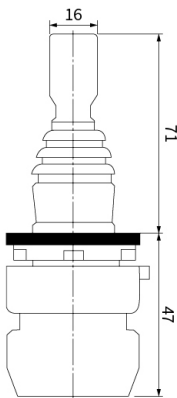
外观和尺寸 Appearance and Dimension

十字开关双向复位 C2MN-T2
Monolever switch bidirectional
reset



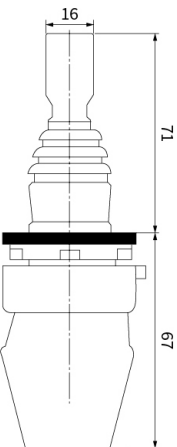
产品型号 Product reference	触点座 Contact seat
C2MN-T2/1F	1NO+1NO
C2MN-T2/1D	1NO+1NC
C2MN-T2/1G	1NC+1NC

十字开关双向自锁 C2MN-F2
Monolever switch bidirectional
self-locking



产品型号 Product reference	触点座 Contact seat
C2MN-F2/1F	1NO+1NO
C2MN-F2/1D	1NO+1NC
C2MN-F2/1G	1NC+1NC

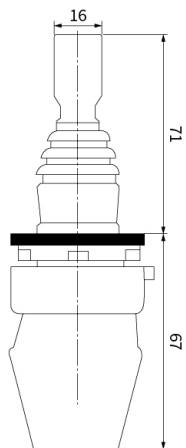
十字开关四向复位 C2MN-T4
Monolever switch four-directional
reset



产品型号 Product reference	触点座 Contact seat
C2MN-T4/2C	1NO1NC+1NO1NC
C2MN-T4/2D	2NO+2NC
C2MN-T4/2G	2NC+2NC

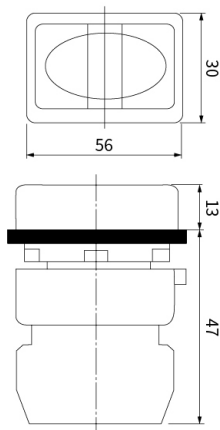
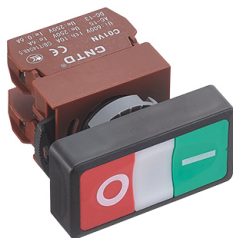
外观和尺寸 Appearance and Dimension

十字开关四向自锁 C2MN-F4
Monolever switch four-bidirectional
self- locking



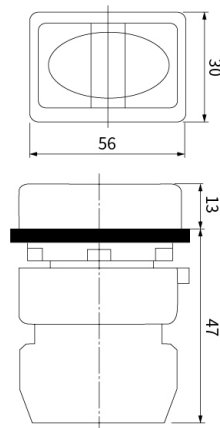
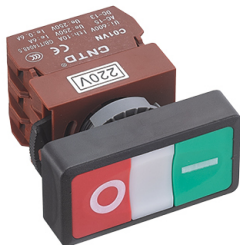
产品型号 Product reference	触点座 Contact seat
C2MN-F4/2C	1NO1NC+1NO1NC
C2MN-F4/2D	2NO+2NC
C2MN-F4/2G	2NC+2NC

双位按钮 C2PND
Double button



产品型号 Product reference	头部颜色 Head color
C2PND/1D	RG: 红绿色

双位带灯按钮 C2PID/1D
Double push button with
lamp



产品型号 Product reference	头部颜色 Head color
C2PID/1D-△	RG: 红绿色

*△代表电压代号，参照C2选型说明。
*△Represents voltage code, refer to C2 selection instructions.

触点类型 Contact type



箭头说明: 锁定 弹簧返回 钥匙拔出 Mark Description: Lock Spring return Key withdrawal

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。

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- 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.